

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041694.D
 Acq On : 17 Jul 2019 19:04
 Operator : HP/JU
 Sample : K3835-07MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Manual Integrations
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mohammad
 7/19/2019 2:24:50 PM

Quant Time: Jul 18 11:34:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	106907	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	426679	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	272987	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	663269	20.00	ng	0.00
76) Chrysene-d12	21.66	240	657219	20.00	ng	0.00
87) Perylene-d12	24.85	264	773835	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	822439	125.76	ng	0.00
7) Phenol-d6	7.20	99	1112649	126.49	ng	0.00
23) Nitrobenzene-d5	9.21	82	678715	96.74	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	469885	152.73	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1520707	86.26	ng	0.00
79) Terphenyl-d14	20.01	244	2323474	82.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	95741	30.825	ng	99
3) Pyridine	3.90	79	73002	8.805	ng	98
4) n-Nitrosodimethylamine	3.80	42	135575	35.409	ng	97
6) Aniline	7.37	93	284691	24.082	ng	99
8) 2-Chlorophenol	7.61	128	297757	40.218	ng	96
9) Benzaldehyde	7.17	77	164981	28.197	ng	96
10) Phenol	7.23	94	372753	40.222	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	276300	36.916	ng	98
12) 1,3-Dichlorobenzene	7.94	146	324620	36.747	ng	99
13) 1,4-Dichlorobenzene	8.08	146	326123	36.864	ng	99
14) 1,2-Dichlorobenzene	8.40	146	307547	36.872	ng	94
15) Benzyl Alcohol	8.28	79	265958	37.979	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	547695	35.314	ng	99
17) 2-Methylphenol	8.48	107	260907	40.710	ng	98
18) Hexachloroethane	9.14	117	117198	36.169	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	236839	36.838	ng	99
20) 3+4-Methylphenols	8.81	107	358089	40.772	ng	99
22) Acetophenone	8.87	105	432665	41.634	ng	# 97
24) Nitrobenzene	9.25	77	325638	42.547	ng	99
25) Isophorone	9.77	82	626280	40.765	ng	98
26) 2-Nitrophenol	9.96	139	167547	47.747	ng	99
27) 2,4-Dimethylphenol	10.02	122	303459	49.922	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	381740	40.316	ng	98
29) 2,4-Dichlorophenol	10.49	162	318139	45.905	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	333754	41.015	ng	96
31) Naphthalene	10.90	128	868001	41.321	ng	100
32) Benzoic acid	10.06	122	13769m	8.622	ng	
33) 4-Chloroaniline	11.00	127	261375	26.975	ng	99
34) Hexachlorobutadiene	11.20	225	206955	39.570	ng	97
35) Caprolactam	11.77	113	124957	49.054	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	331124	45.607	ng	99
37) 2-Methylnaphthalene	12.50	142	670546	41.782	ng	99
38) 1-Methylnaphthalene	12.72	142	633389	41.397	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	389072	41.608	ng	99

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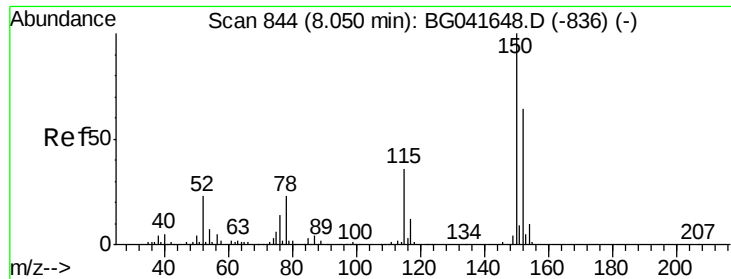
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	529748	100.150	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	281868	46.392	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	308422	48.180	nq	96
46) 1,1'-Biphenyl	13.51	154	847974	41.462	nq	99
47) 2-Chloronaphthalene	13.55	162	682133	40.020	nq	98
48) 2-Nitroaniline	13.74	65	225039	45.346	nq	95
49) Acenaphthylene	14.39	152	1086432	40.830	nq	99
50) Dimethylphthalate	14.12	163	1538561	71.761	nq	98
51) 2,6-Dinitrotoluene	14.23	165	204858	45.047	nq	98
52) Acenaphthene	14.73	154	705367	42.065	nq	99
53) 3-Nitroaniline	14.55	138	180098	36.278	nq	95
54) 2,4-Dinitrophenol	14.76	184	134785	60.707	nq	98
55) Dibenzofuran	15.06	168	1046009	41.570	nq	98
56) 4-Nitrophenol	14.86	139	413391	102.853	nq	99
57) 2,4-Dinitrotoluene	15.01	165	294736	49.029	nq	99
58) Fluorene	15.71	166	846942	41.366	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	307967	52.111	nq	96
60) Diethylphthalate	15.48	149	898762	41.611	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	481356	41.591	nq	97
62) 4-Nitroaniline	15.72	138	242699	46.096	nq	99
63) Azobenzene	15.99	77	791476	40.532	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	155879	49.297	nq	97
66) n-Nitrosodiphenylamine	15.91	169	797577	40.948	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	324037	41.059	nq	99
68) Hexachlorobenzene	16.72	284	319283	40.176	nq	97
69) Atrazine	16.86	200	332811	47.084	nq	99
70) Pentachlorophenol	17.05	266	479837	96.564	nq	99
71) Phenanthrene	17.44	178	1391588	41.661	nq	97
72) Anthracene	17.53	178	1432192	43.015	nq	97
73) Carbazole	17.80	167	1342975	43.491	nq	99
74) Di-n-butylphthalate	18.37	149	1532874	40.701	nq	97
75) Fluoranthene	19.45	202	1709482	41.679	nq	96
77) Benzidine	19.62	184	68018	0.986	nq	96
78) Pyrene	19.81	202	1733788	39.006	nq	97
80) Butylbenzylphthalate	20.69	149	749949	40.602	nq	95
81) Benzo(a)anthracene	21.63	228	1713112	40.343	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	547774	32.782	nq	98
83) Chrysene	21.70	228	1664551	41.024	nq	97
84) Bis(2-ethylhexyl)phthalate	21.56	149	1045885	40.104	nq	99
85) Di-n-octyl phthalate	22.77	149	1827771	41.154	nq	98
86) Indeno(1,2,3-cd)pyrene	28.50	276	2206164	41.207	nq	# 91
88) Benzo(b)fluoranthene	23.84	252	1902541	40.532	nq	98
89) Benzo(k)fluoranthene	23.91	252	1826790	42.001	nq	98
90) Benzo(a)pyrene	24.70	252	1878633	42.301	nq	98
91) Dibenzo(a,h)anthracene	28.57	278	1804274	41.901	nq	98
92) Benzo(g,h,i)perylene	29.64	276	1836748	42.565	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

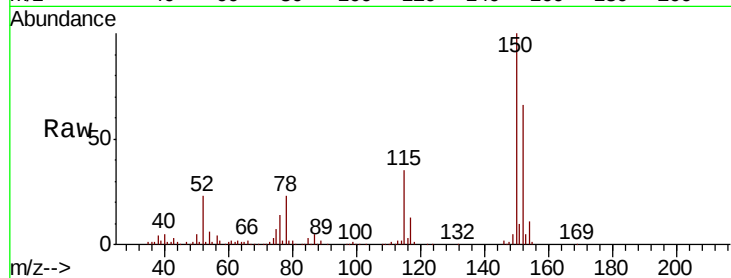
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.9	190.3
115	53.1	45.0	67.6

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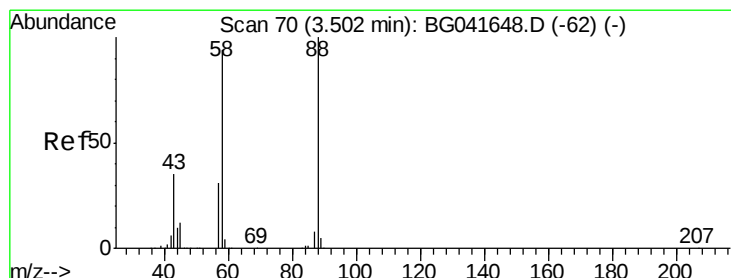
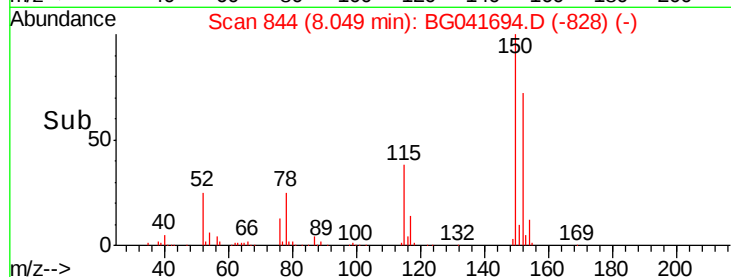
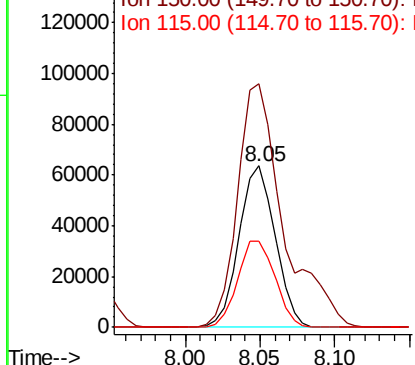


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

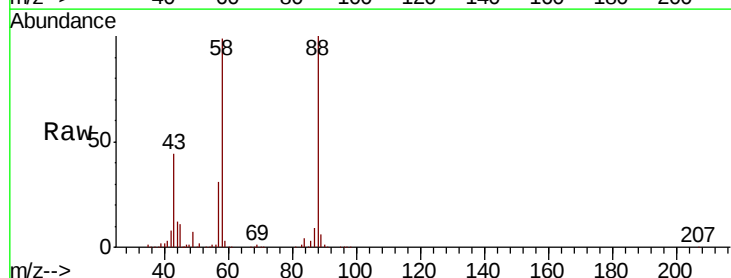
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.825 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	76.2	114.2
43	32.2	27.2	40.8

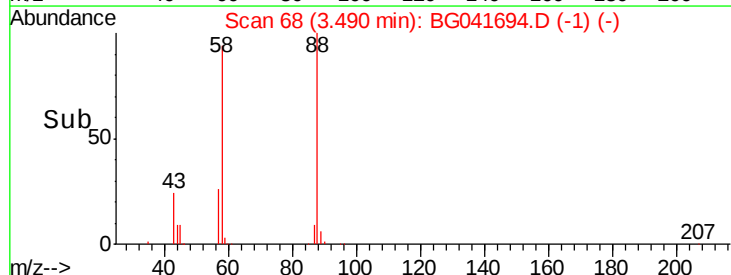
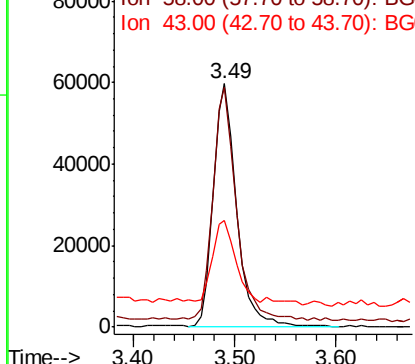


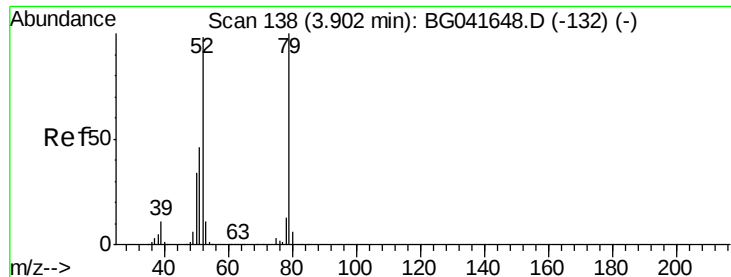
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





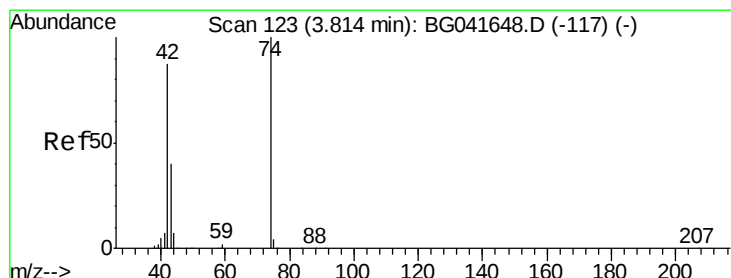
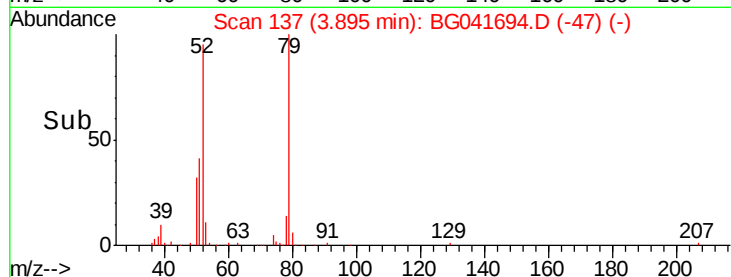
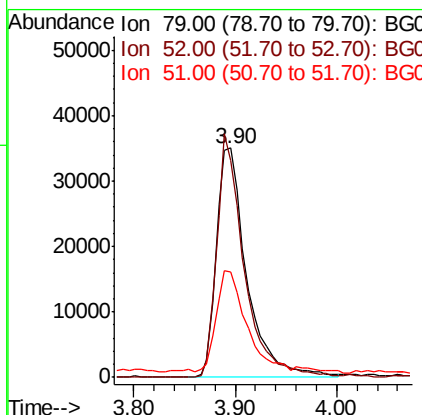
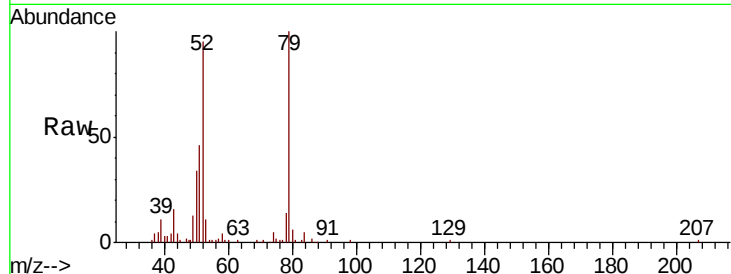
#3
 Pvridine
 Concen: 8.805 ng
 RT: 3.90 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	94.9	77.1	115.7
51	46.0	37.8	56.8

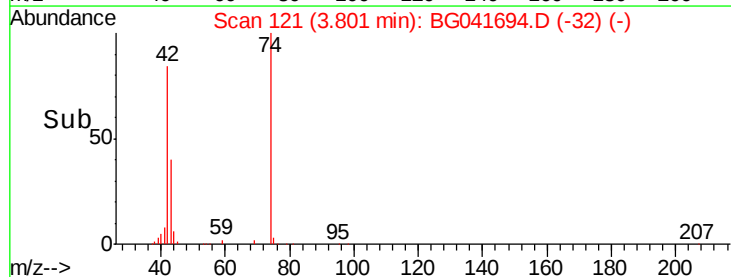
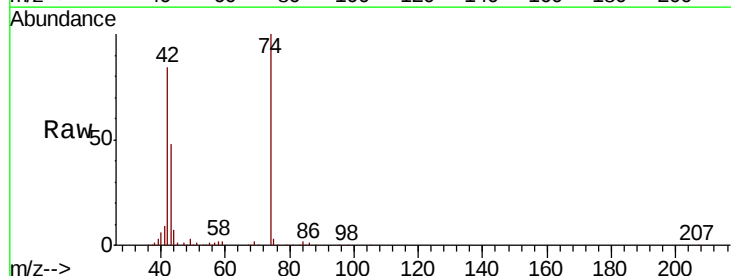
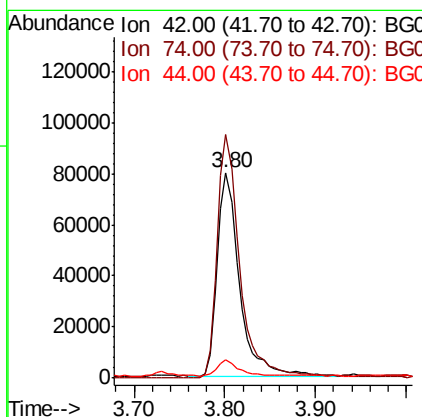
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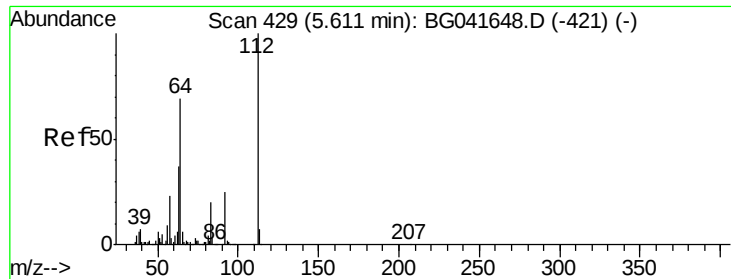
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#4
 n-Nitrosodimethylamine
 Concen: 35.409 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.4	97.4	146.2
44	8.8	6.6	9.8





#5

2-Fluorophenol

Concen: 125.762 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

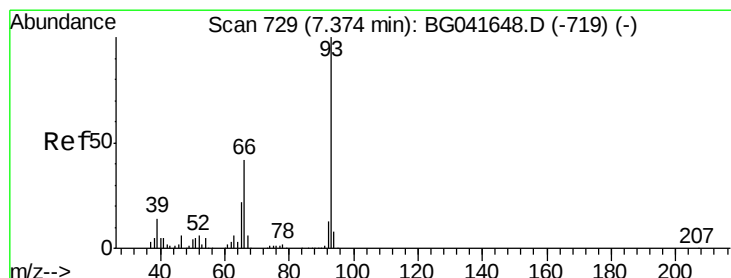
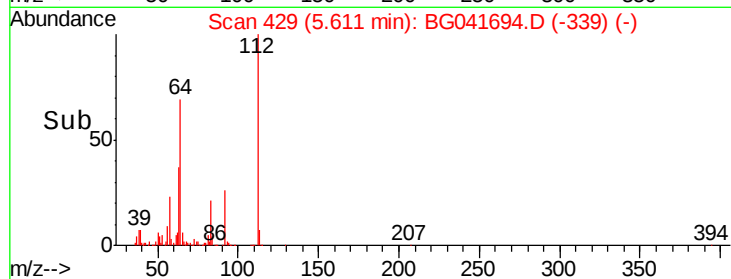
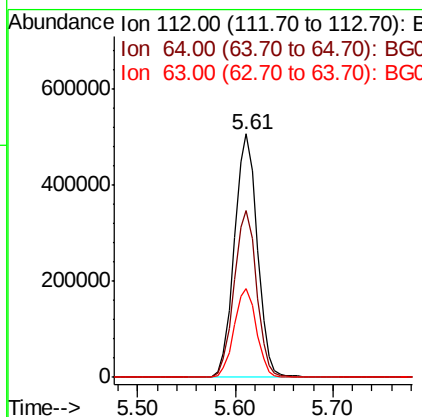
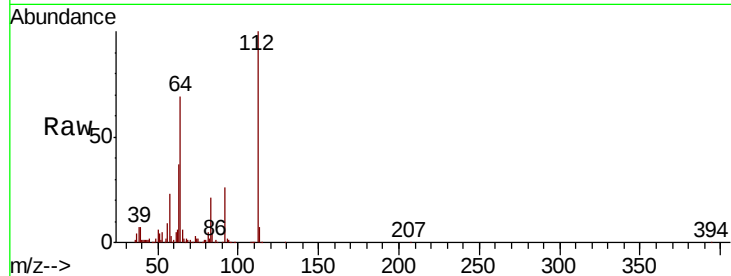
ClientSampleId :

SB-4(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	822439		
64	68.7	55.4	83.2	
63	36.5	29.1	43.7	

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#6

Aniline

Concen: 24.082 ng

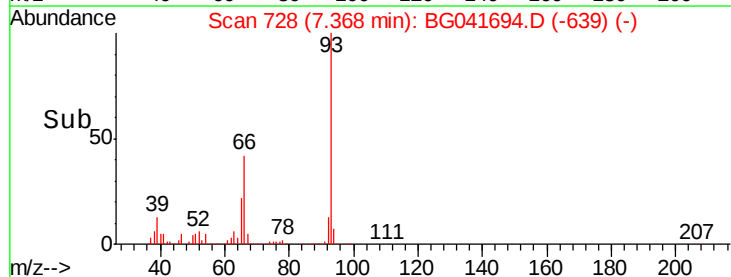
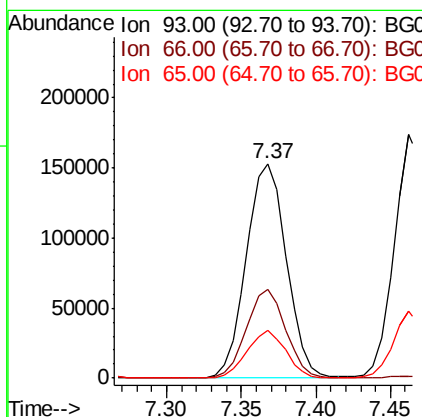
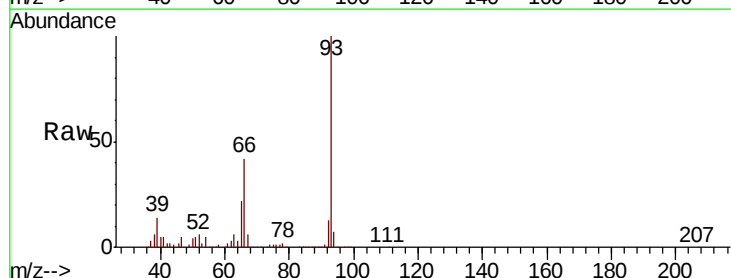
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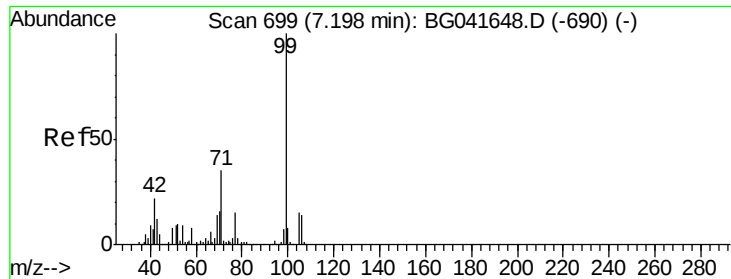
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	284691		
66	41.7	34.2	51.2	
65	22.3	18.2	27.2	





#7

Phenol-d6

Concen: 126.493 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

Tot Ion: 99 Resp: 1112649

Ion Ratio Lower Upper

99 100

42 21.9 17.6 26.4

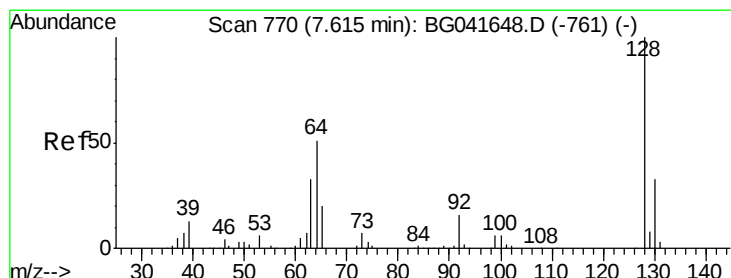
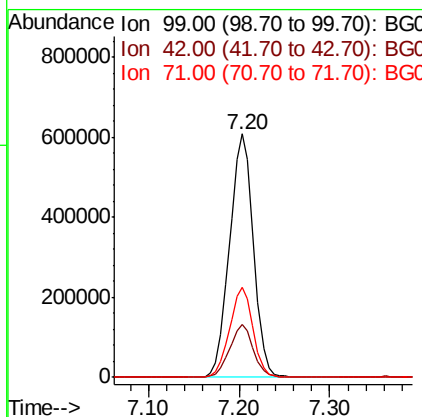
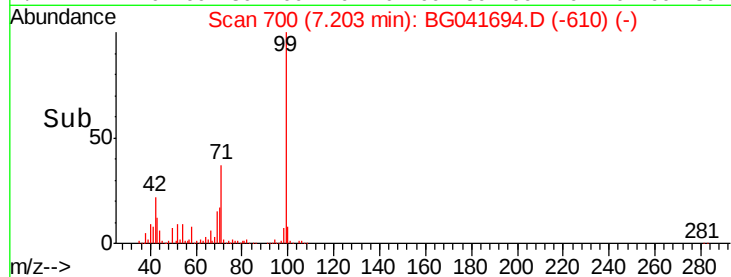
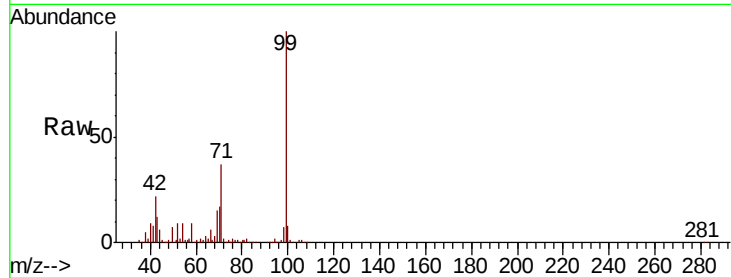
71 36.8 27.8 41.6

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#8

2-Chlorophenol

Concen: 40.218 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

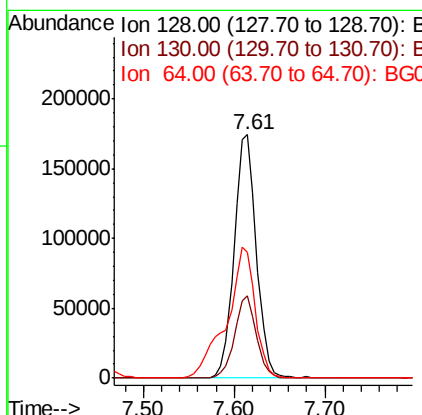
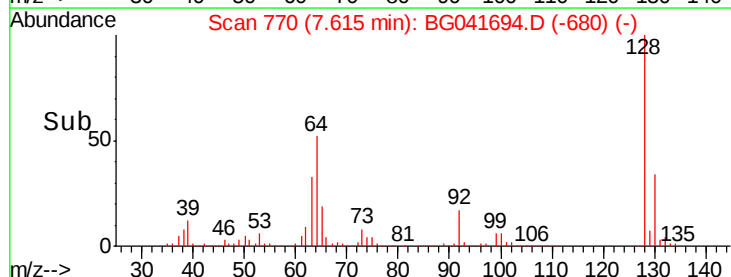
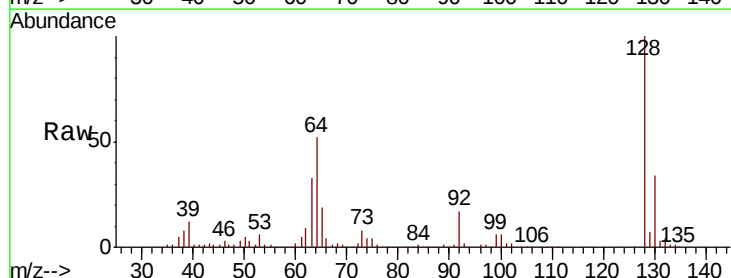
Tgt Ion: 128 Resp: 297757

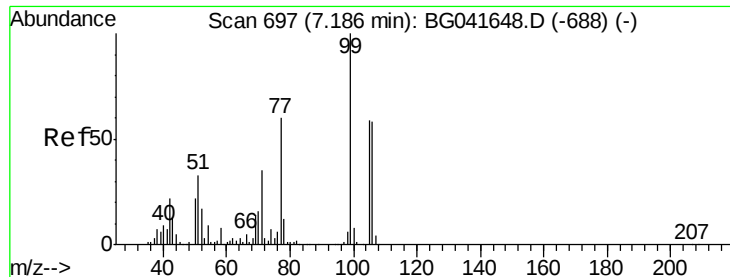
Ion Ratio Lower Upper

128 100

130 33.8 12.4 52.4

64 51.5 34.9 74.9





#9

Benzaldehyde

Concen: 28.197 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

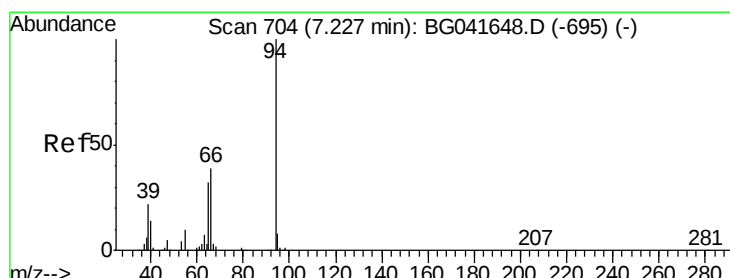
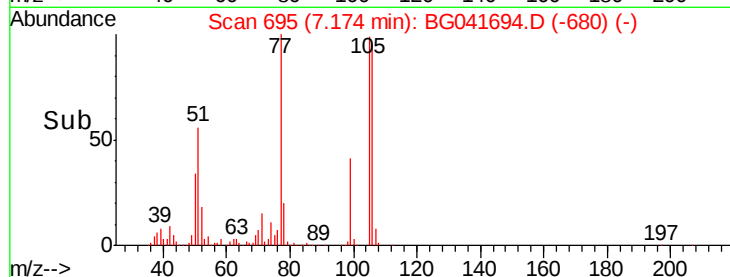
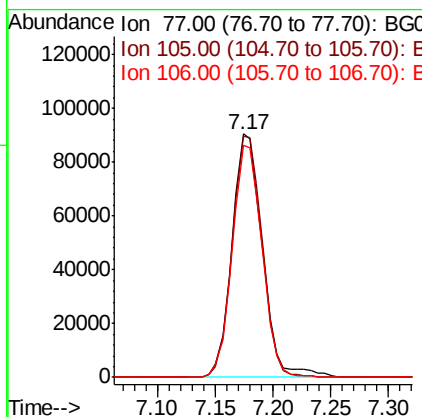
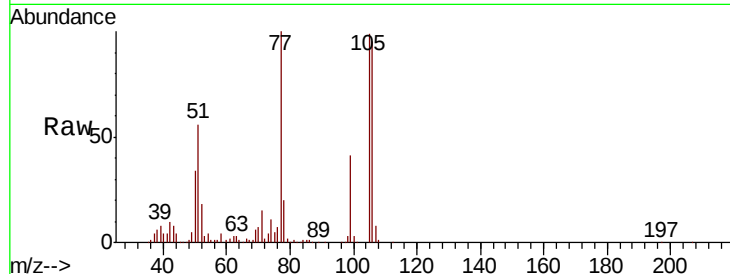
ClientSampleId :

SB-4(0-2)MS

Tot Ion:	77	Resp:	164981
Ion Ratio	Lower	Upper	
77	100		
105	99.2	74.6	114.6
106	95.1	71.1	111.1

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#10

Phenol

Concen: 40.222 ng

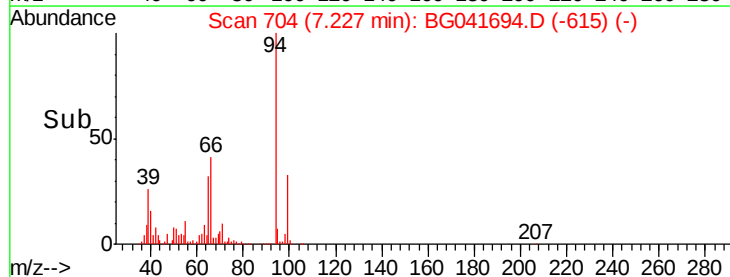
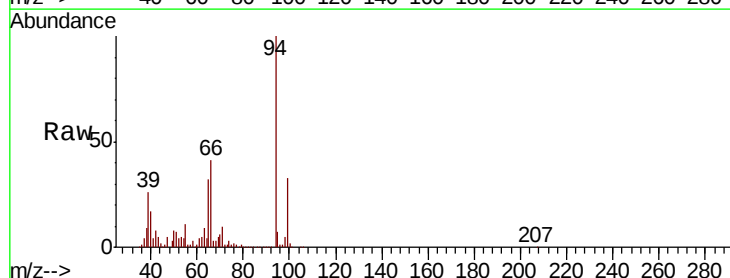
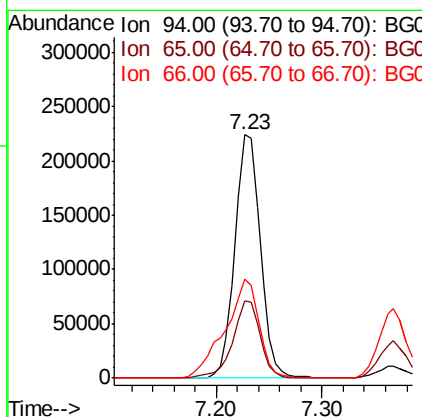
RT: 7.23 min Scan# 704

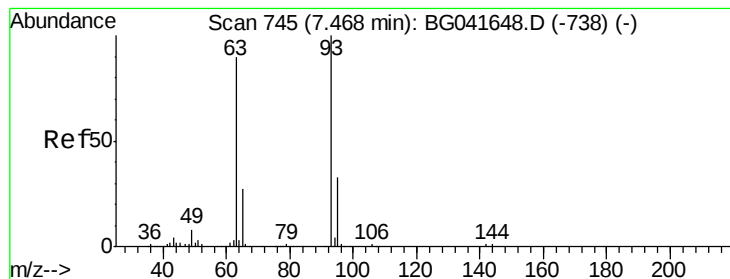
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	94	Resp:	372753
Ion Ratio	Lower	Upper	
94	100		
65	31.8	10.6	50.6
66	40.7	18.2	58.2





#11

bis(2-Chloroethyl)ether

Concen: 36.916 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

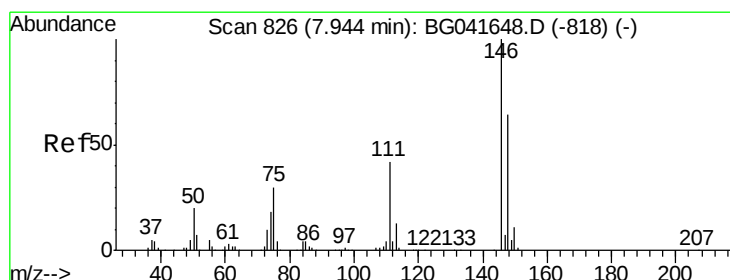
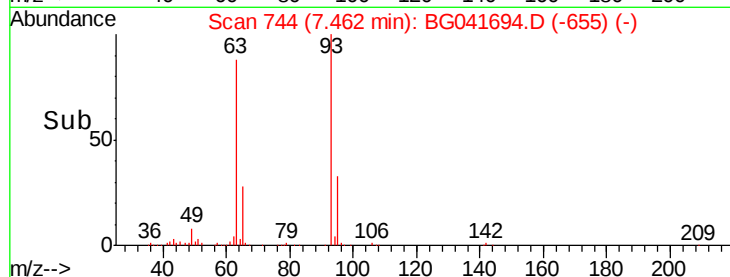
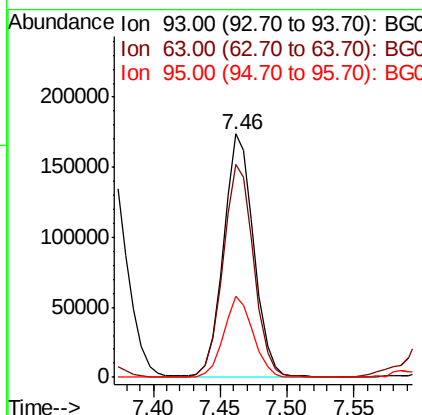
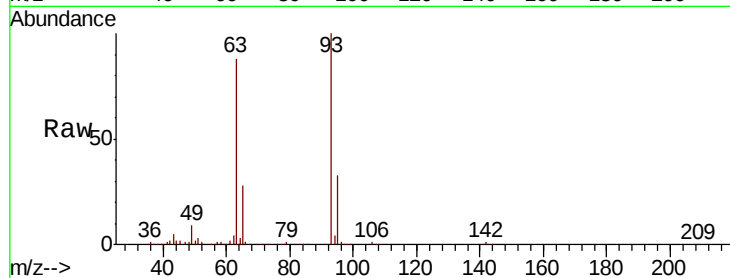
ClientSampleId :

SB-4(0-2)MS

Tot Ion:	93	Resp:	276300
Ion	Ratio	Lower	Upper
93	100		
63	87.5	70.4	110.4
95	33.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 36.747 ng

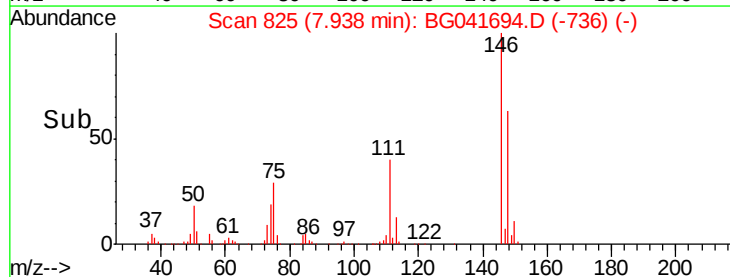
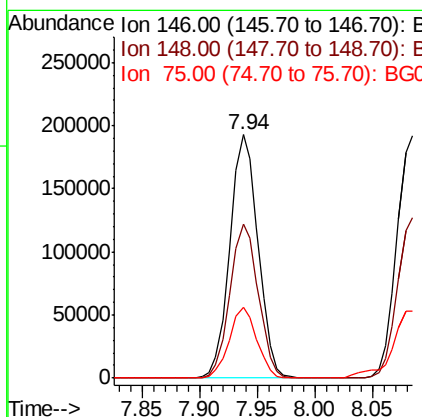
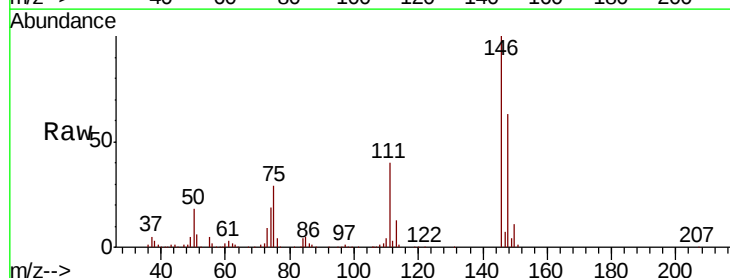
RT: 7.94 min Scan# 825

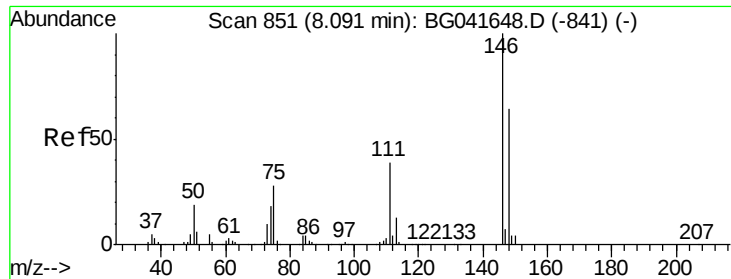
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	146	Resp:	324620
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.5	77.3
75	29.0	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 36.864 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

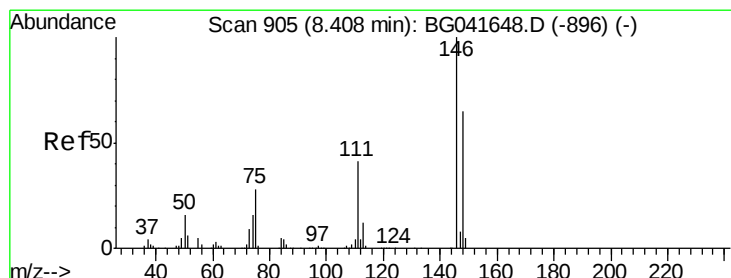
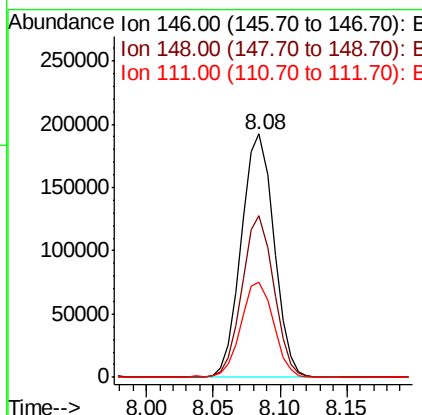
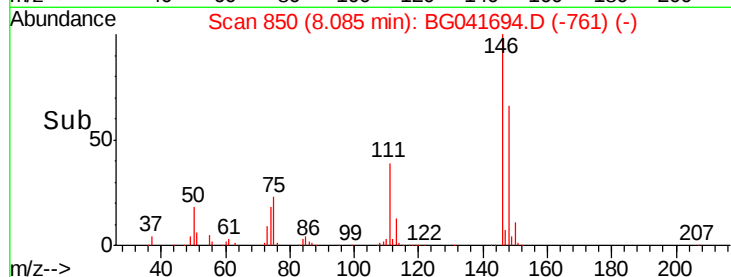
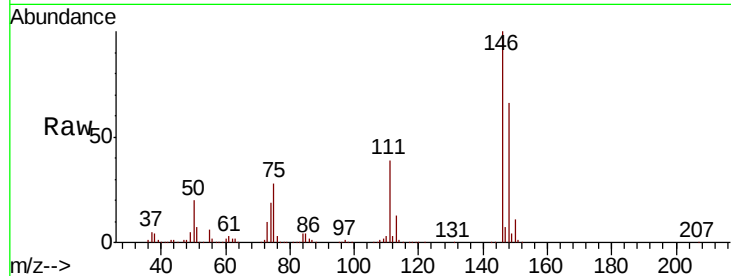
ClientSampleID :

SB-4(0-2)MS

Tot Ion:	146	Resp:	326123
Ion Ratio	Lower	Upper	
146	100		
148	66.2	52.6	79.0
111	39.3	32.5	48.7

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#14

1,2-Dichlorobenzene

Concen: 36.872 ng

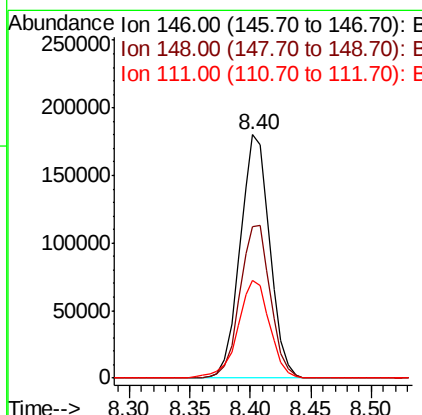
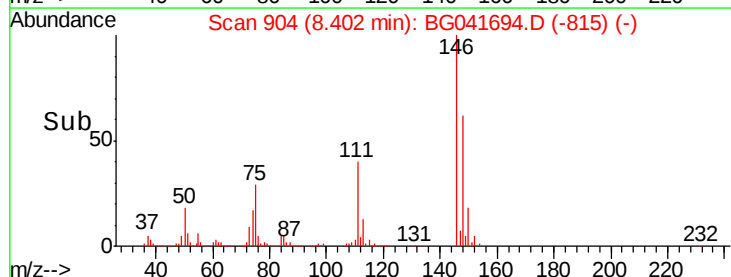
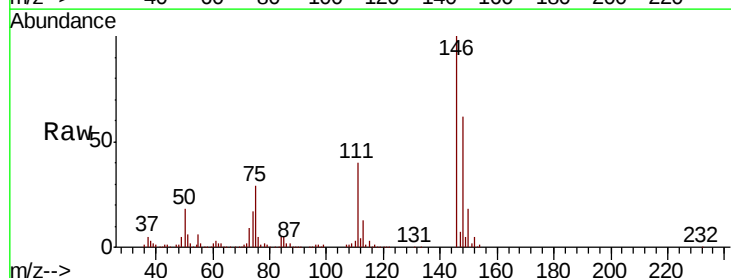
RT: 8.40 min Scan# 904

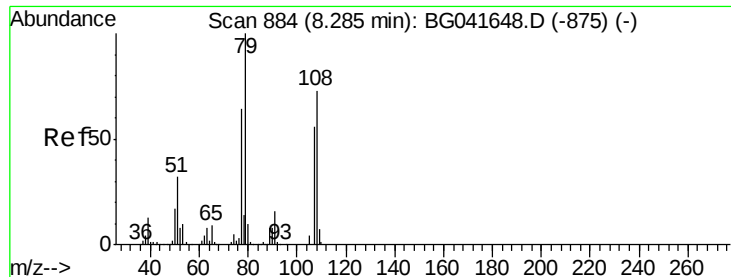
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	146	Resp:	307547
Ion Ratio	Lower	Upper	
146	100		
148	62.0	53.5	80.3
111	40.1	35.4	53.0





#15

Benzyl Alcohol

Concen: 37.979 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

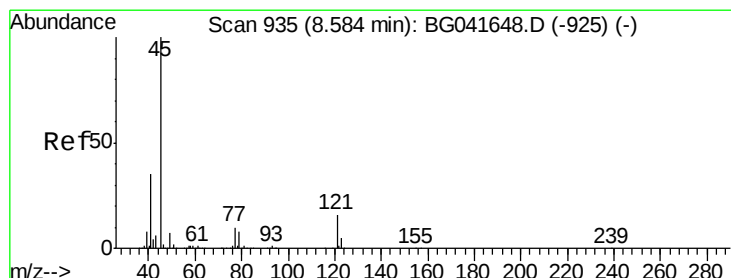
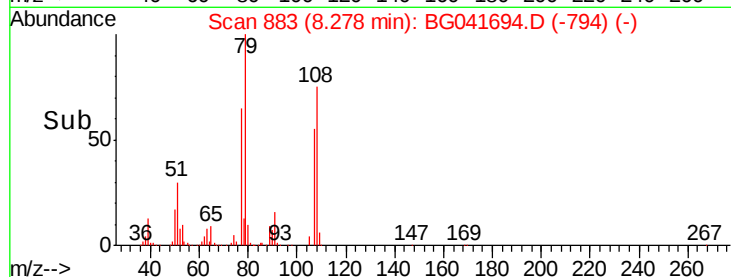
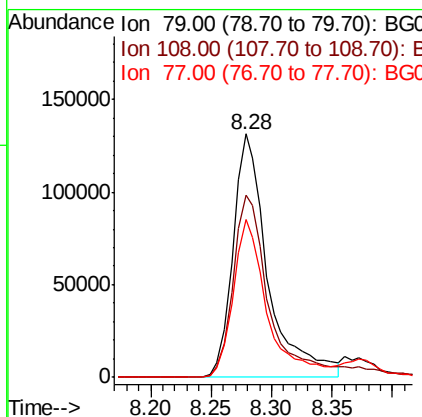
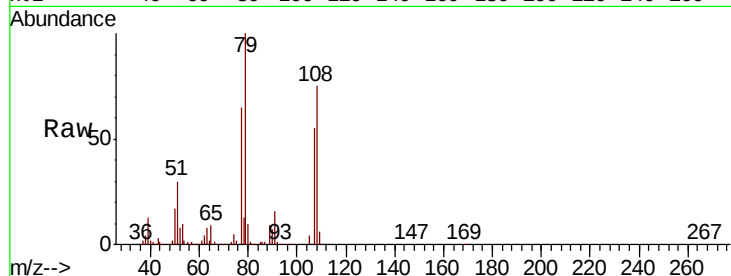
ClientSampleId :

SB-4(0-2)MS

Tot Ion:	79	Resp:	265958
Ion Ratio	Lower	Upper	
79	100		
108	74.8	60.5	90.7
77	64.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.314 ng

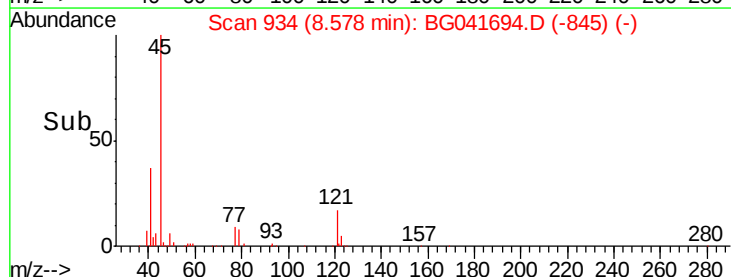
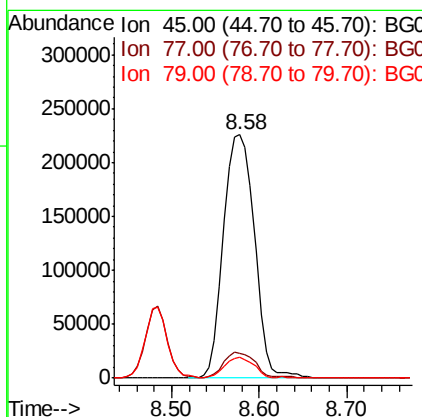
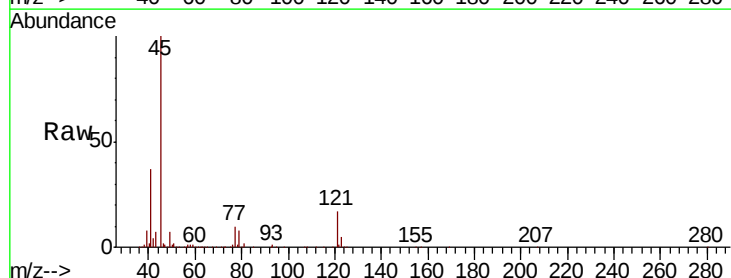
RT: 8.58 min Scan# 934

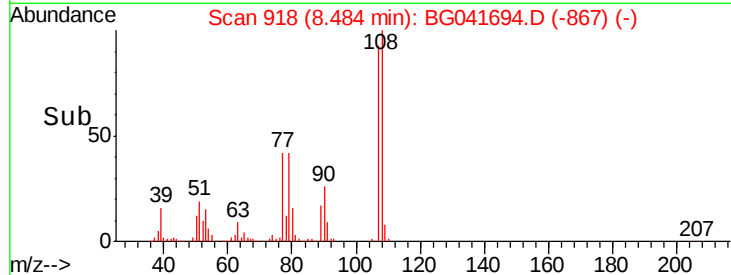
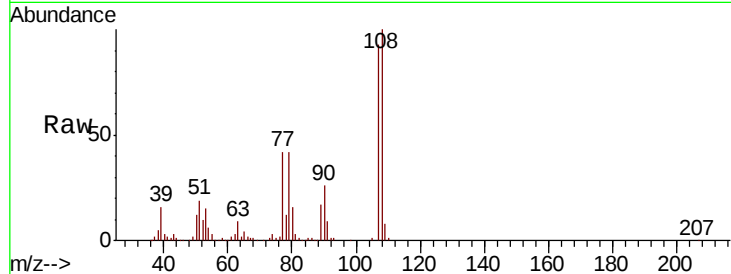
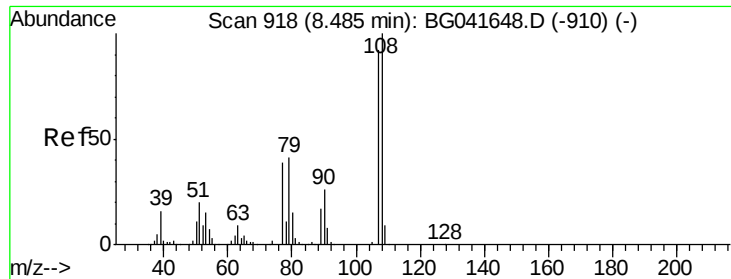
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	45	Resp:	547695
Ion Ratio	Lower	Upper	
45	100		
77	10.3	0.0	30.4
79	8.5	0.0	27.9





#17

2-Methylphenol

Concen: 40.710 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tot Ion	Ratio	Resp	Lower	Upper
107	100	260907		
108	107.0		87.6	131.4
77	45.2		36.1	54.1
79	44.9		36.4	54.6

Instrument :

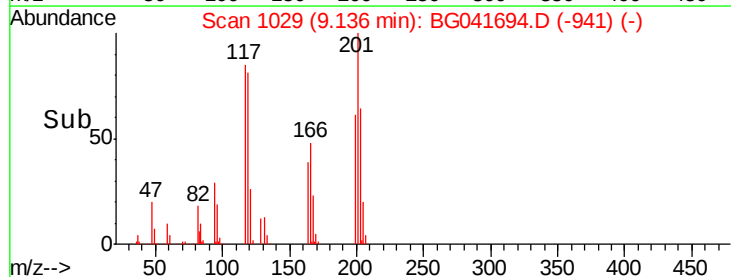
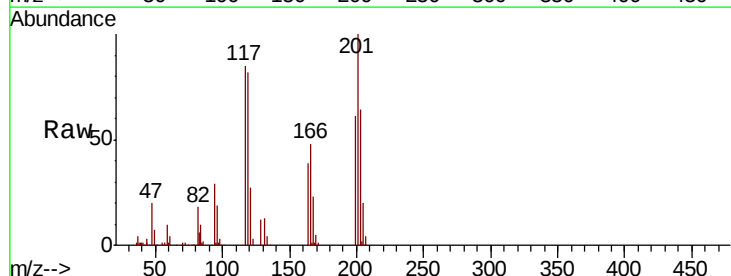
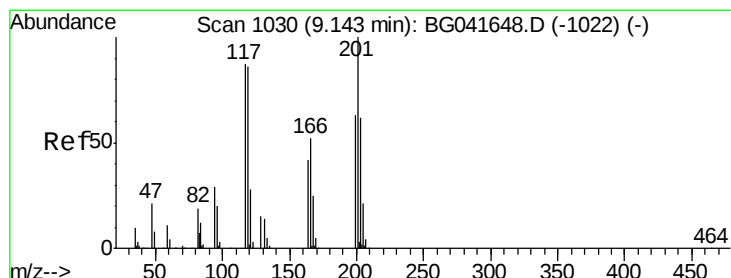
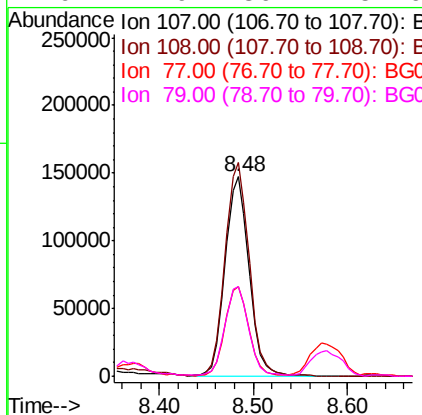
BNA_G

ClientSampleId :

SB-4(0-2)MS

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#18

Hexachloroethane

Concen: 36.169 ng

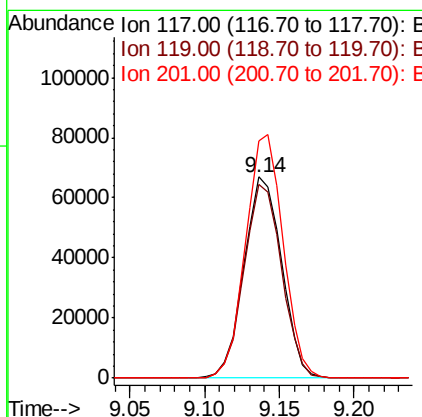
RT: 9.14 min Scan# 1029

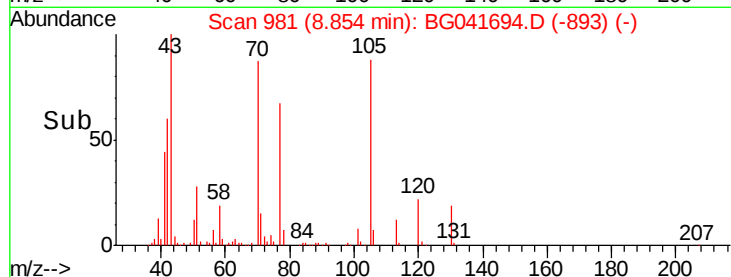
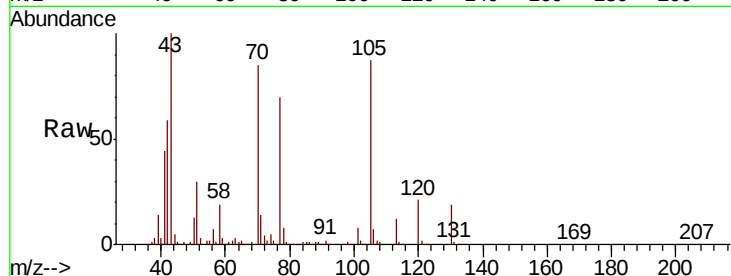
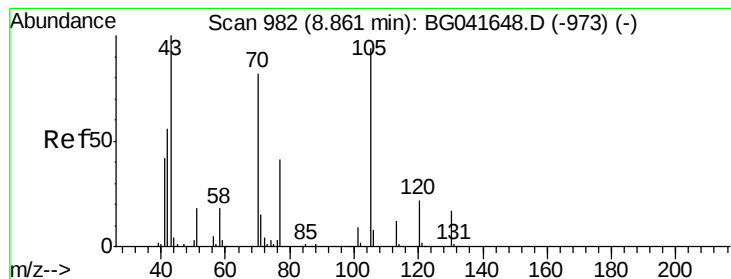
Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	117198		
119	96.3		76.2	114.2
201	118.1		94.1	141.1





#19

n-Nitroso-di-n-propylamine

Concen: 36.838 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

Tot Ion: 70 Resp: 236839

Ion Ratio Lower Upper

70 100

42 69.2 55.8 83.6

101 9.1 8.1 12.1

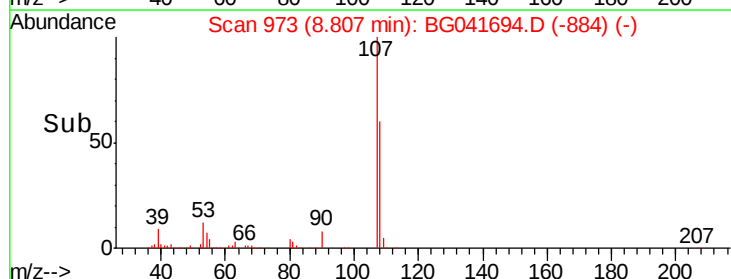
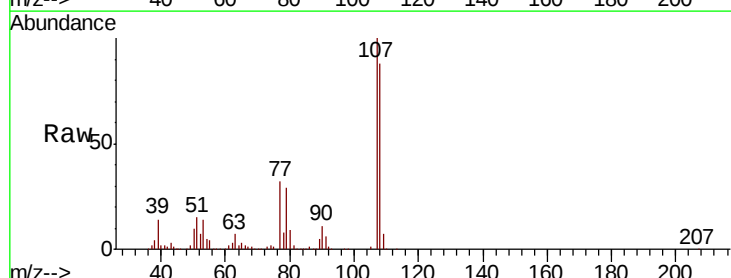
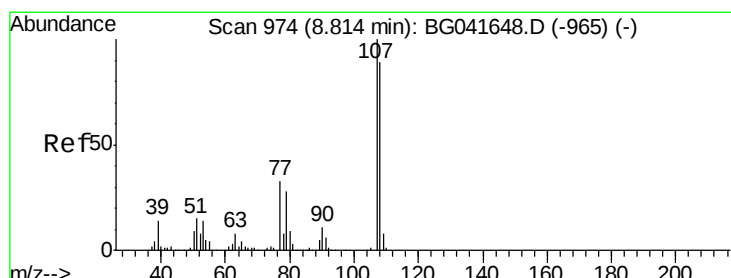
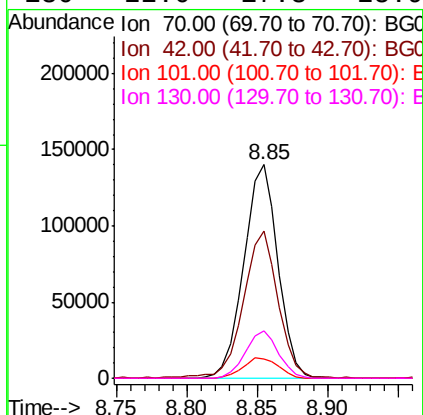
130 22.0 17.3 25.9

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#20

3+4-Methylphenols

Concen: 40.772 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion: 107 Resp: 358089

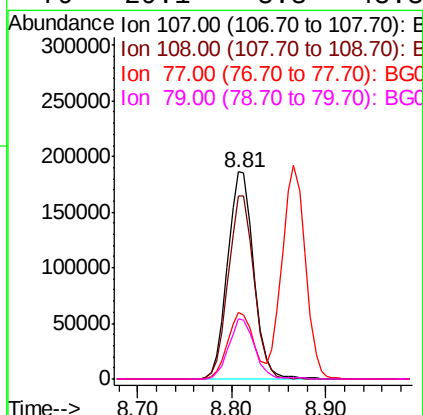
Ion Ratio Lower Upper

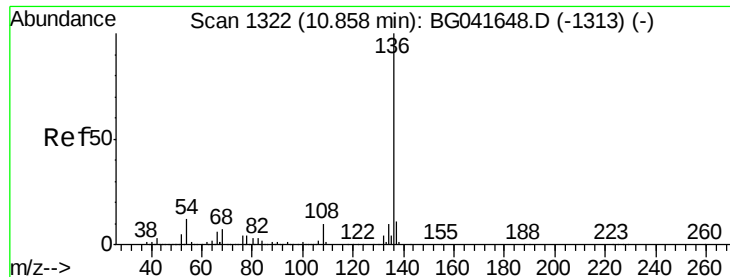
107 100

108 88.0 67.5 107.5

77 32.4 12.3 52.3

79 29.1 8.3 48.3





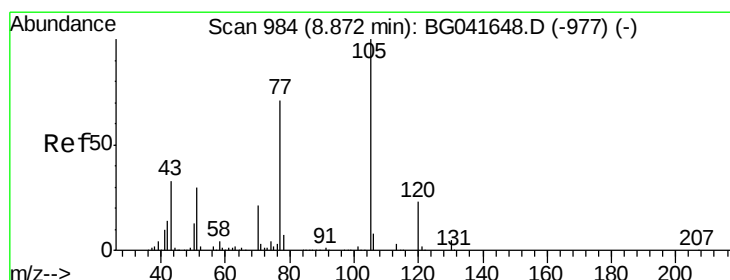
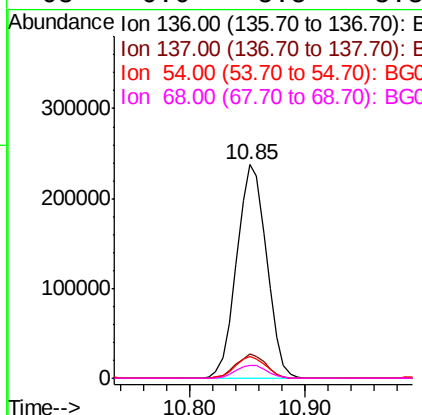
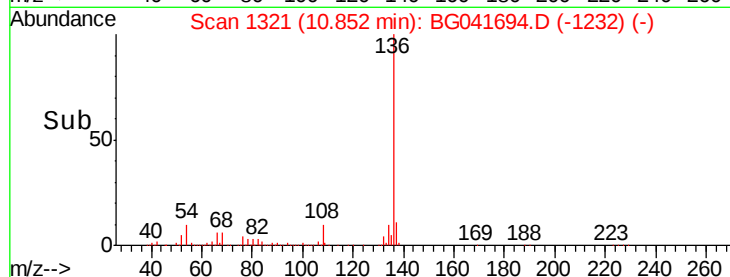
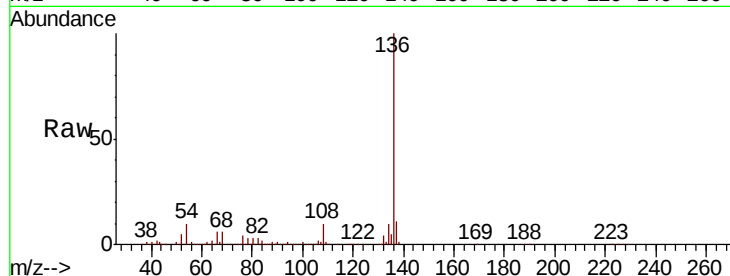
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	426679		
137	11.2		9.2	13.8
54	10.2		8.7	13.1
68	6.0		5.5	8.3

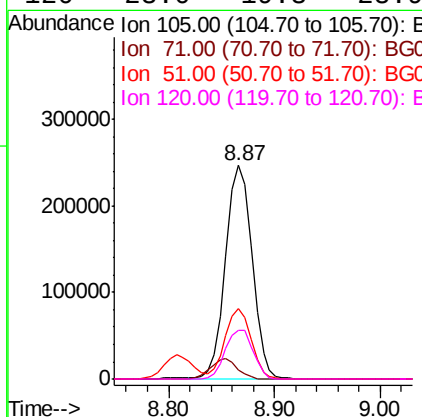
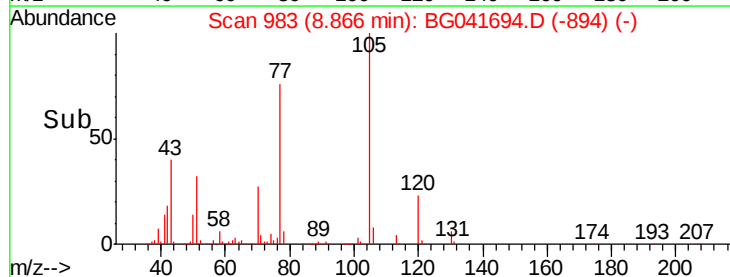
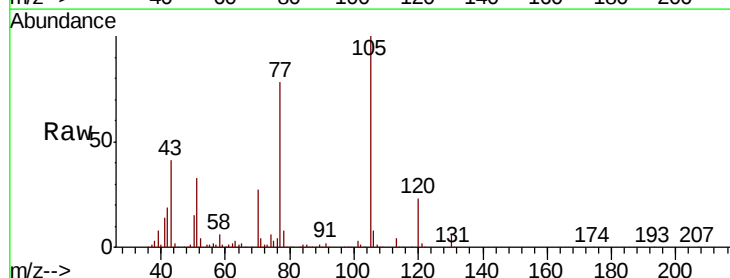
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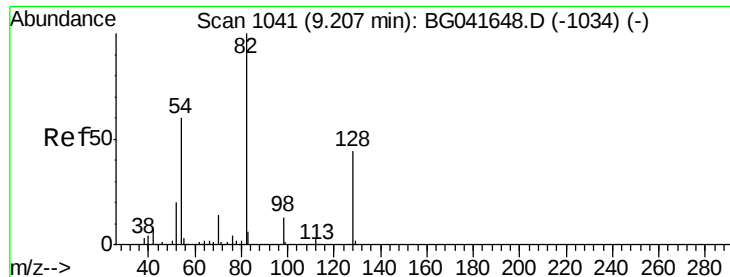
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#22
Acetophenone
Concen: 41.634 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	432665		
71	4.5		5.9	8.9#
51	33.2		27.7	41.5
120	23.0		19.3	28.9





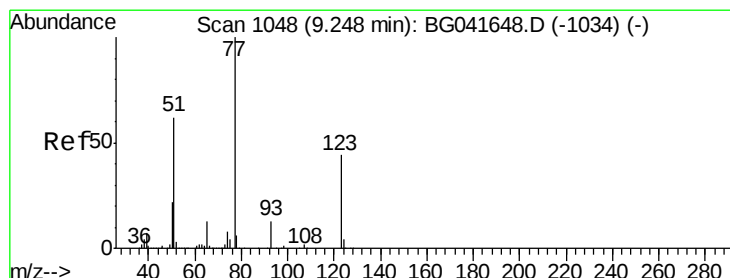
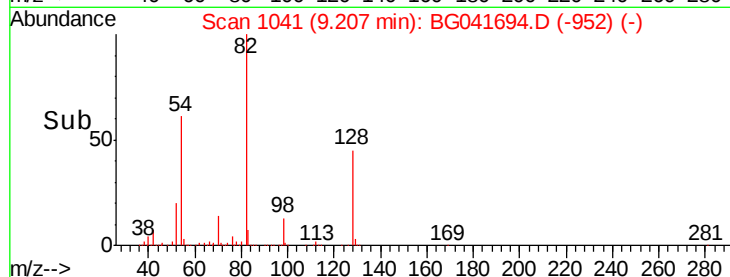
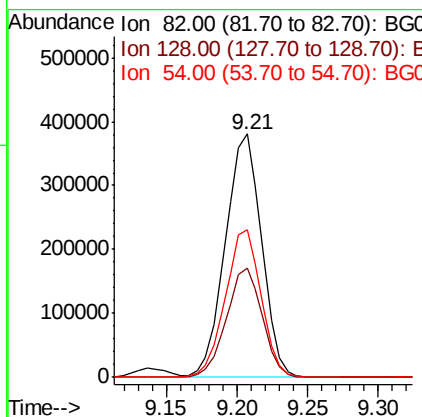
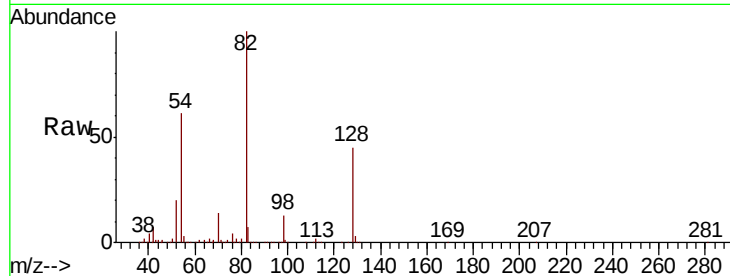
#23
 Nitrobenzene-d5
 Concen: 96.738 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	60.6	48.7	73.1

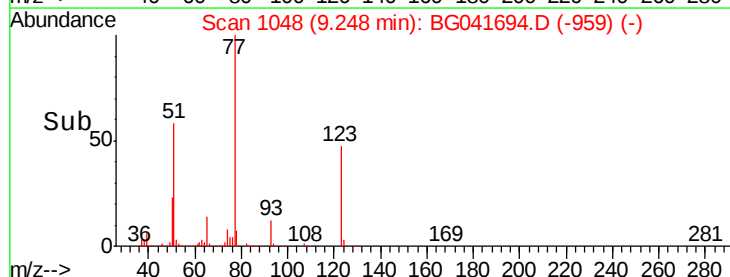
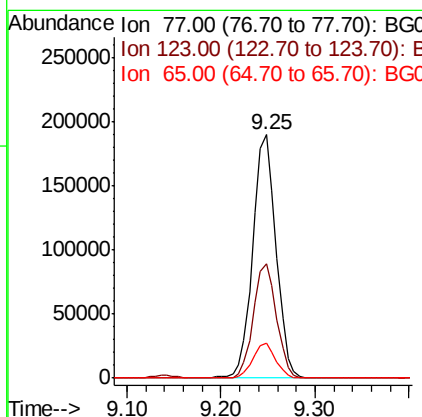
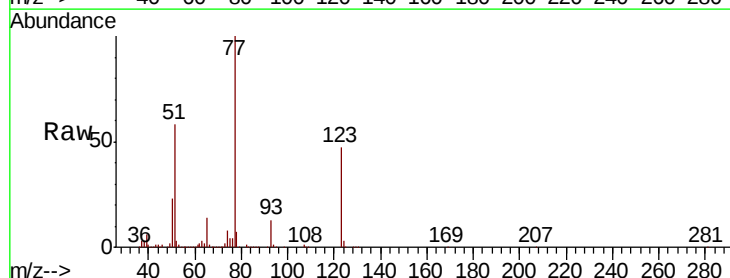
Manual Integrations
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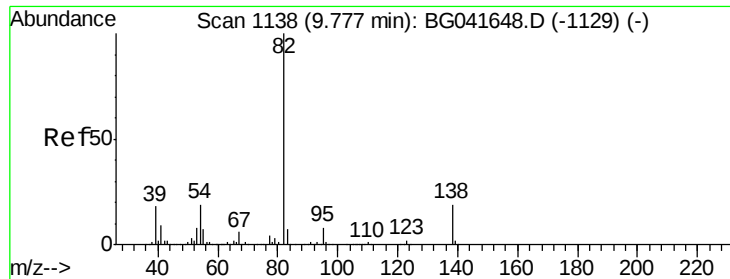
mohammad
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#24
 Nitrobenzene
 Concen: 42.547 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	38.1	57.1
65	14.1	11.0	16.6





#25

Isophorone

Concen: 40.765 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

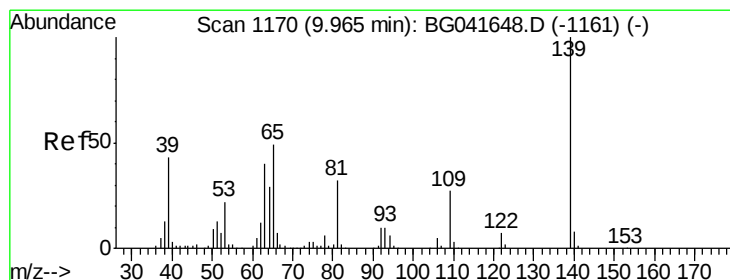
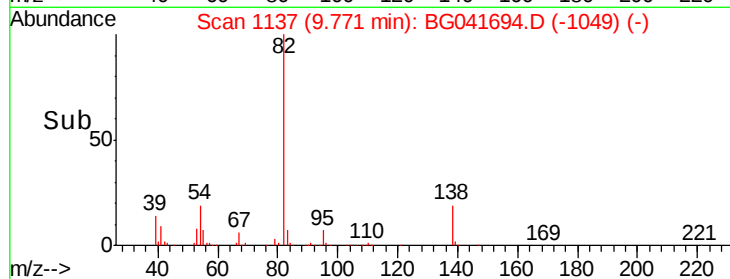
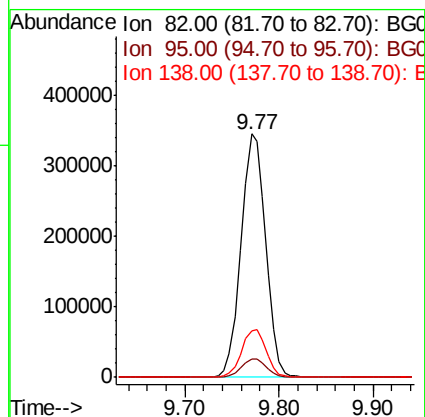
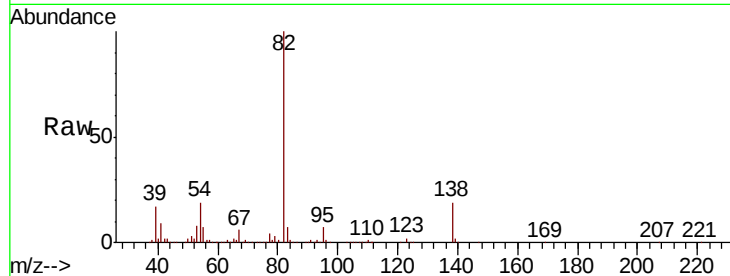
ClientSampleId :

SB-4(0-2)MS

Tot Ion:	82	Resp:	626280
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.9	8.9
138	19.2	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.747 ng

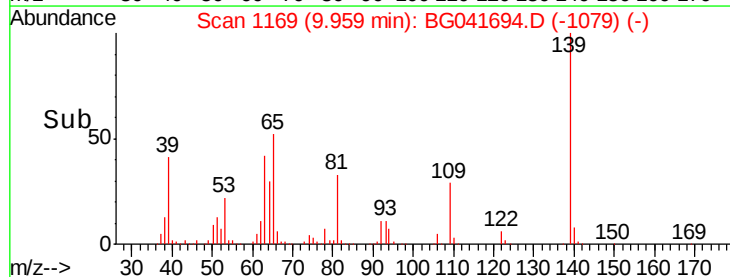
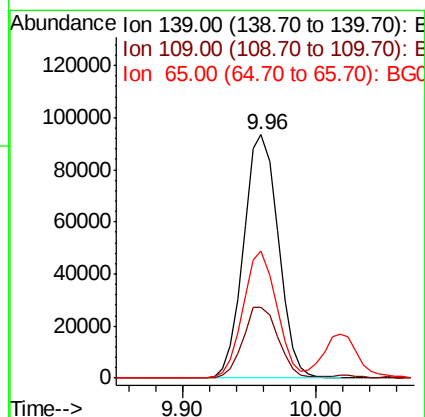
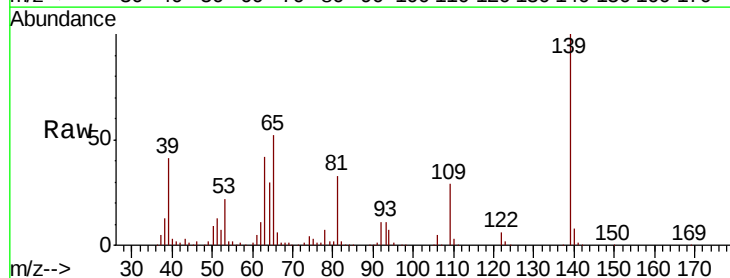
RT: 9.96 min Scan# 1169

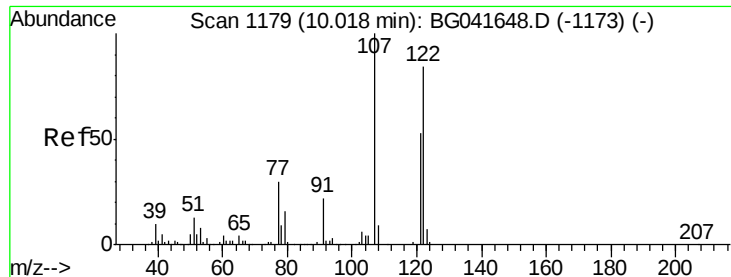
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	139	Resp:	167547
Ion Ratio	Lower	Upper	
139	100		
109	29.0	22.7	34.1
65	52.1	41.1	61.7





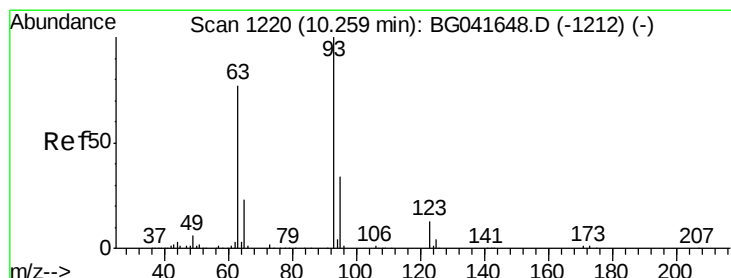
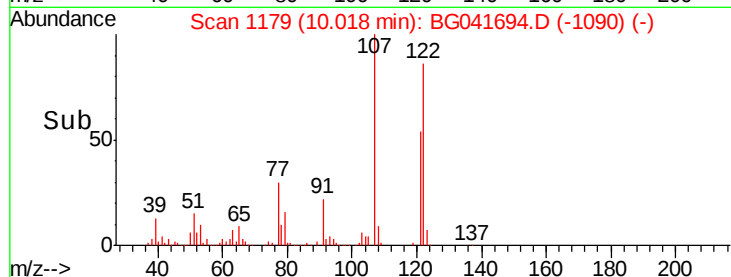
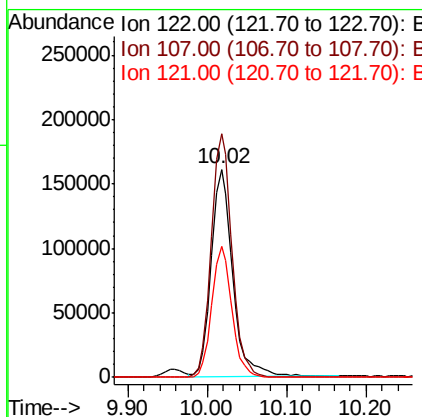
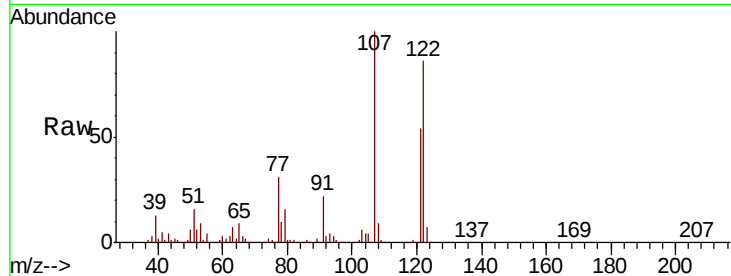
#27
2,4-Dimethylphenol
Concen: 49.922 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	91.3	136.9
121	62.6	49.2	73.8

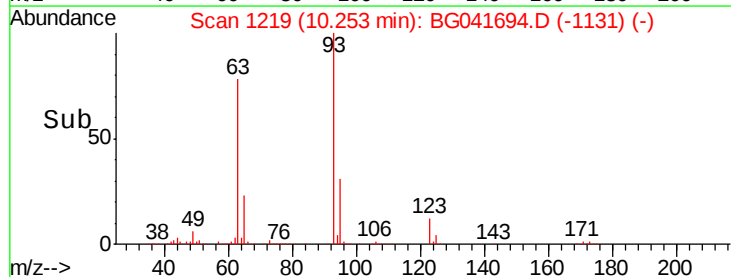
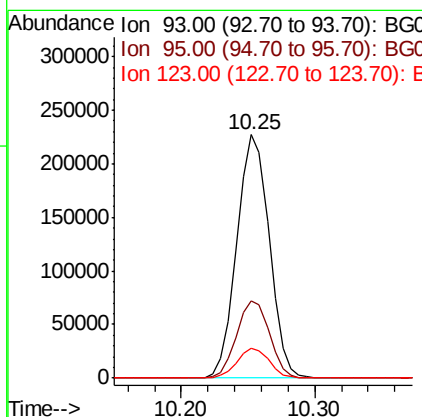
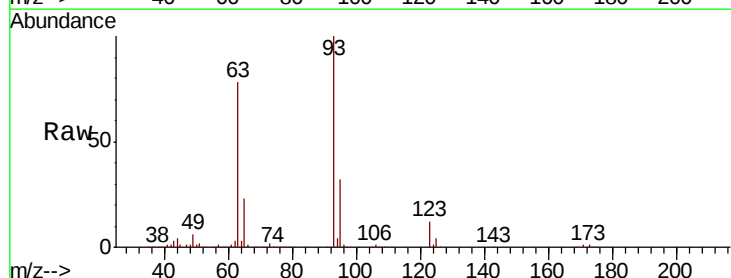
Manual Integrations
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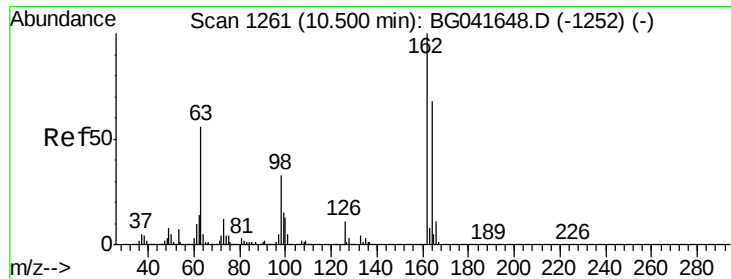
mohammad
7/19/2019 2:24:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.316 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.2	39.4
123	12.1	9.9	14.9





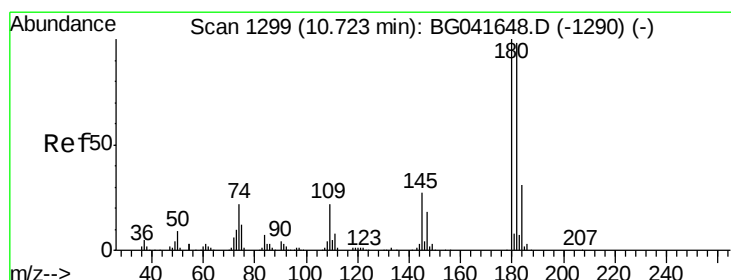
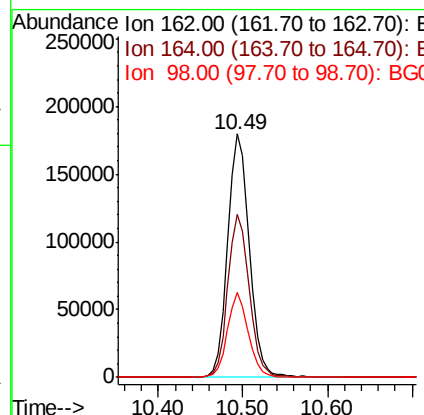
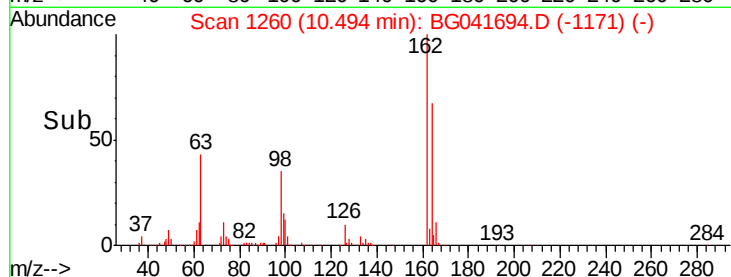
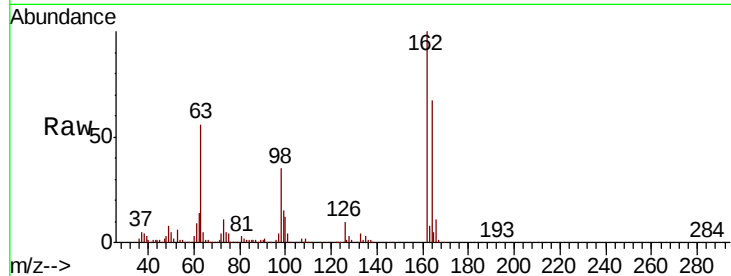
#29
2,4-Dichlorophenol
Concen: 45.905 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.2	46.1	86.1	
98	34.9	14.7	54.7	

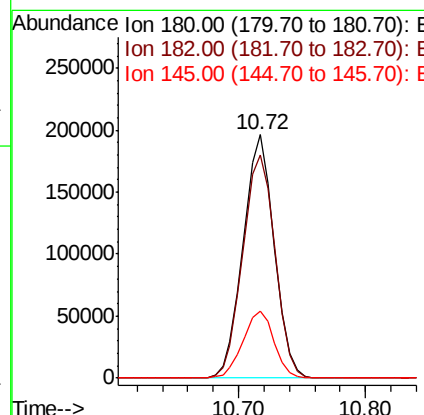
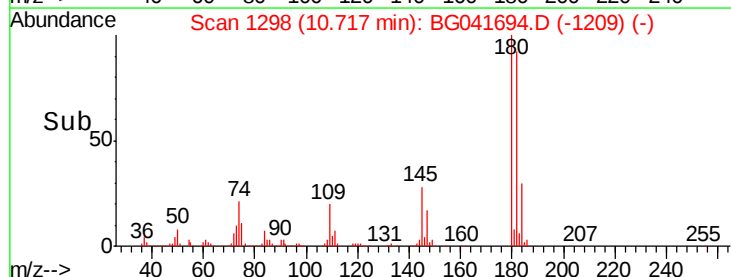
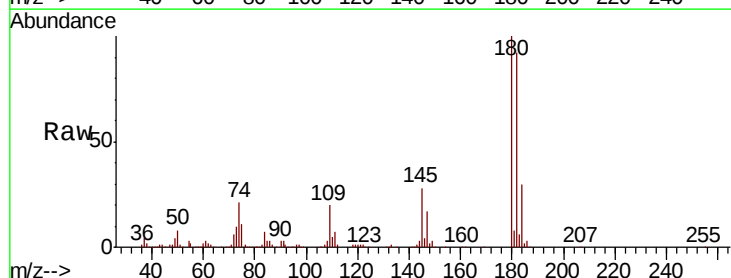
Manual Integrations
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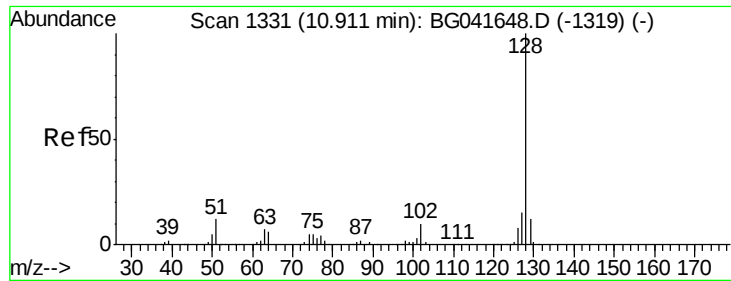
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.015 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.9	76.2	114.2	
145	27.6	23.8	35.8	





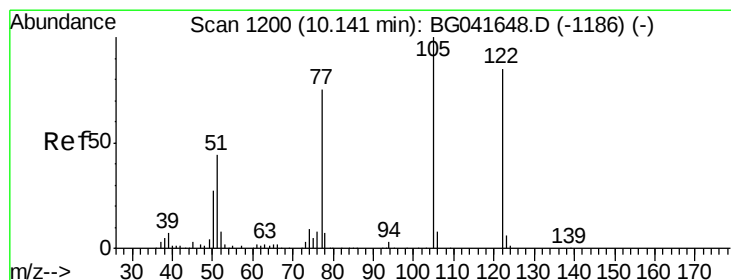
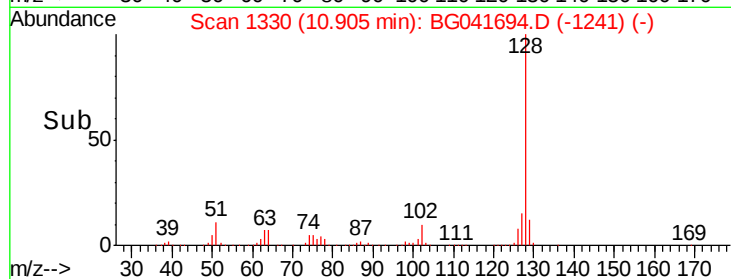
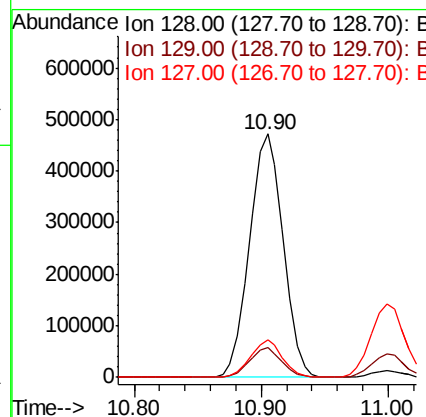
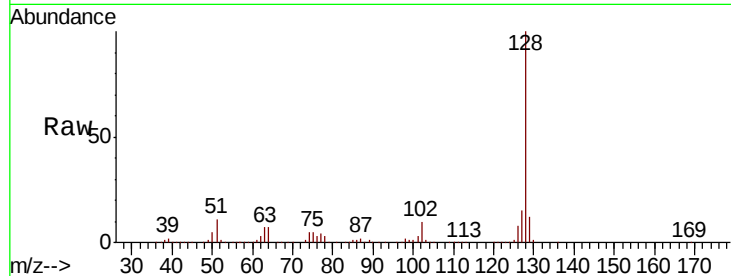
#31
Naphthalene
Concen: 41.321 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.0	15.0
127	15.4	12.3	18.5

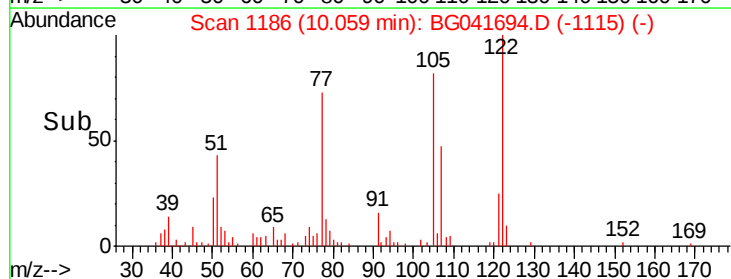
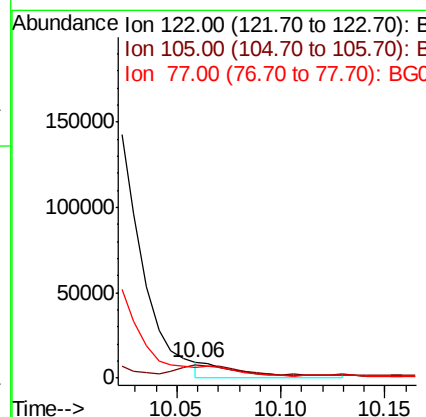
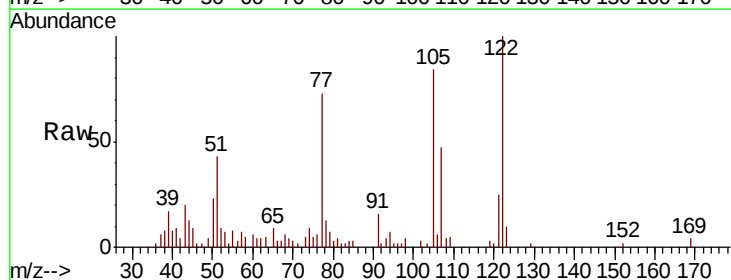
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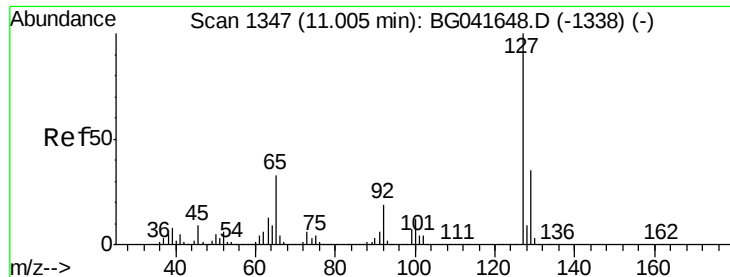
mohammad
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#32
Benzoic acid
Concen: 8.622 ng m
RT: 10.06 min Scan# 1186
Delta R.T. -0.11 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	83.7	101.5	141.5#
77	72.8	73.0	113.0#





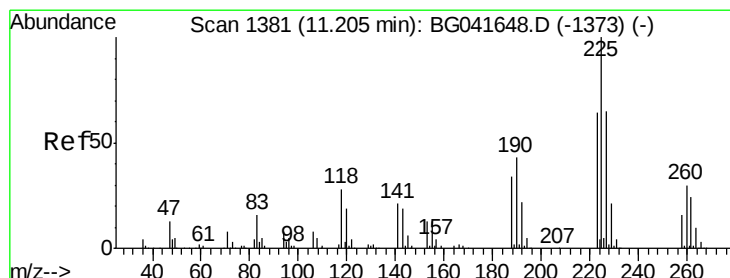
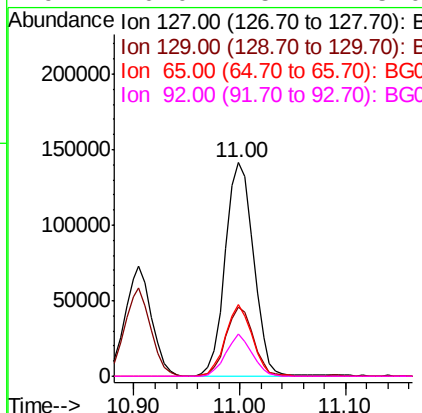
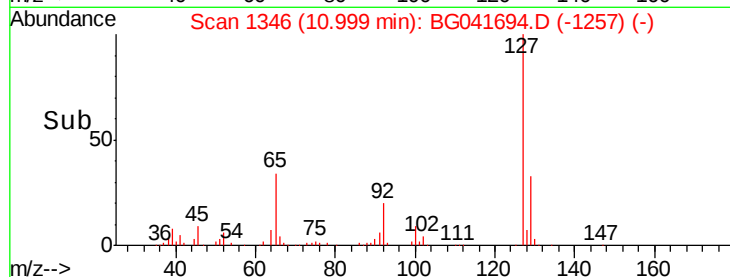
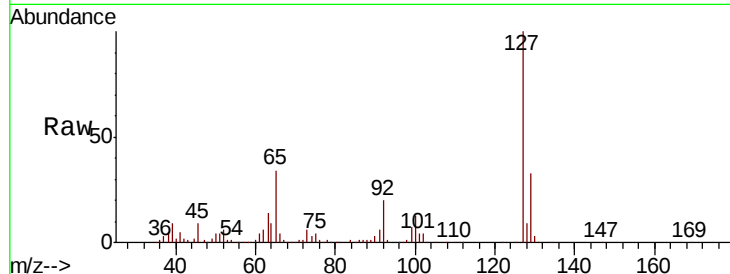
#33
4-Chloroaniline
Concen: 26.975 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	33.6	26.7	40.1
92	20.0	15.4	23.0

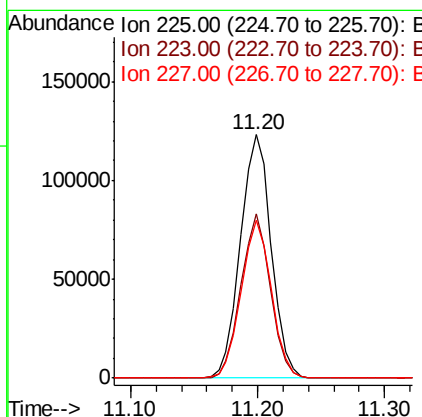
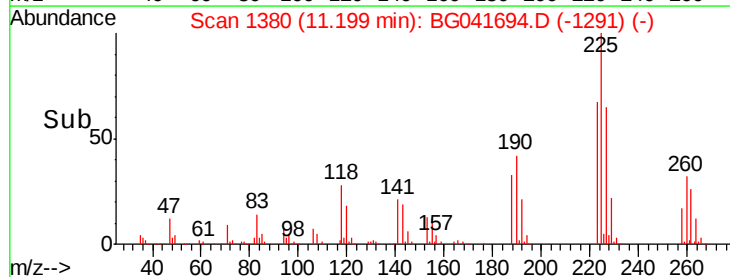
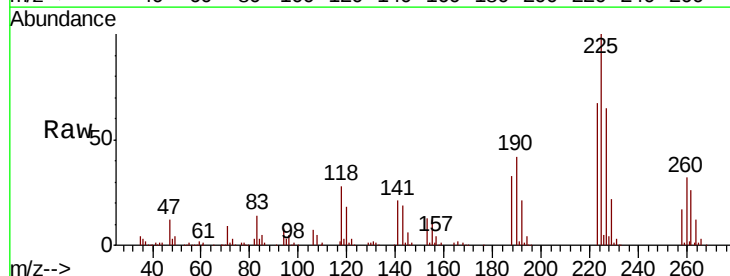
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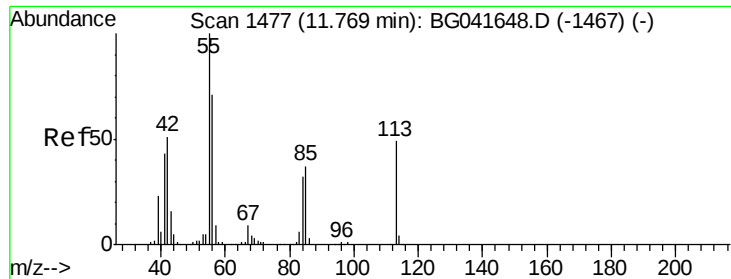
mohammad
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#34
Hexachlorobutadiene
Concen: 39.570 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.3	51.1	76.7
227	64.7	50.9	76.3





#35

Caprolactam

Concen: 49.054 ng

RT: 11.77 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

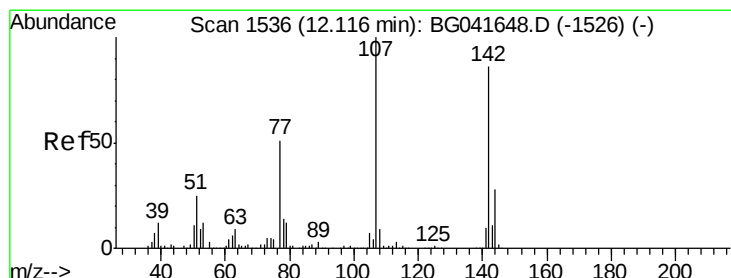
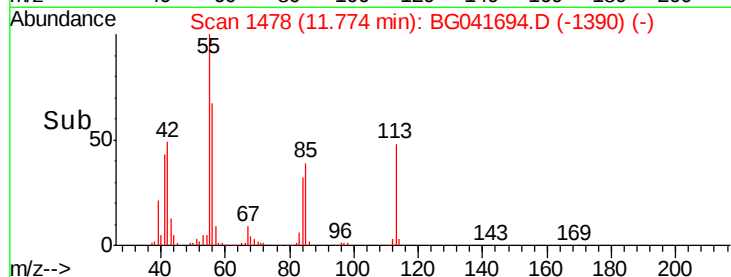
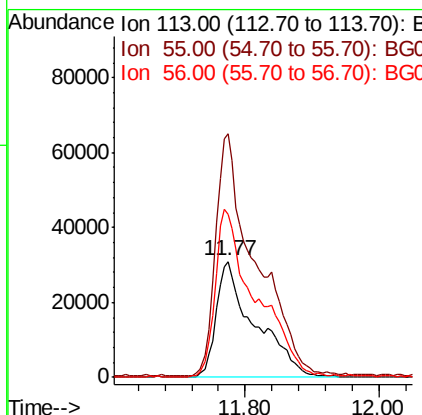
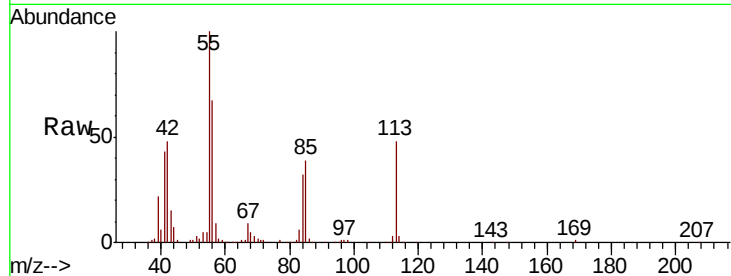
ClientSampled :

SB-4(0-2)MS

Tot Ion:	113	Resp:	124957
Ion Ratio	Lower	Upper	
113	100		
55	210.5	199.4	239.4
56	141.0	133.6	173.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 45.607 ng

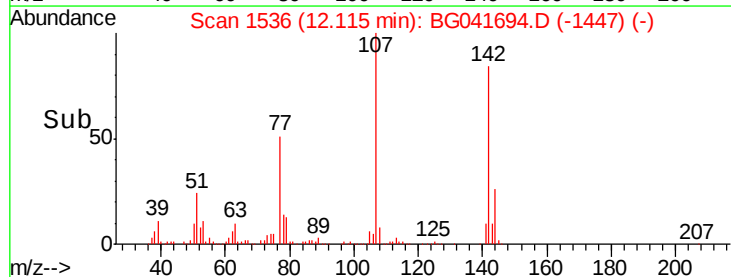
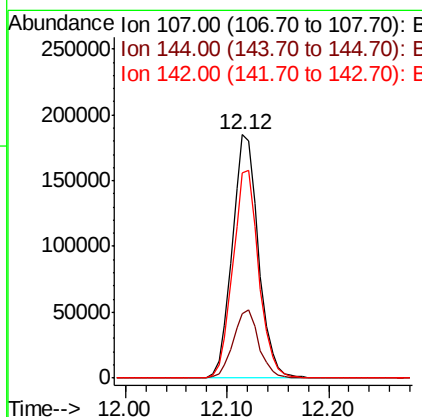
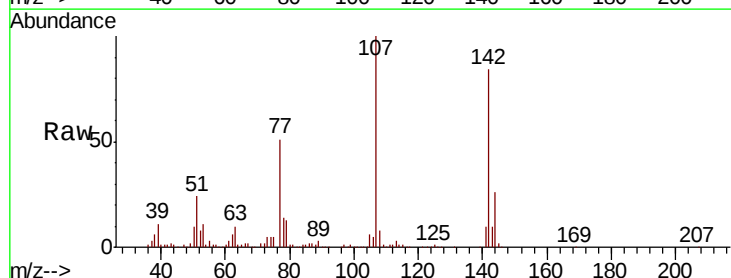
RT: 12.12 min Scan# 1536

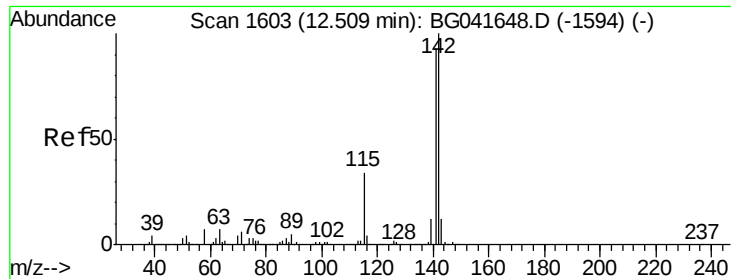
Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	107	Resp:	331124
Ion Ratio	Lower	Upper	
107	100		
144	26.4	22.2	33.2
142	84.1	67.3	100.9





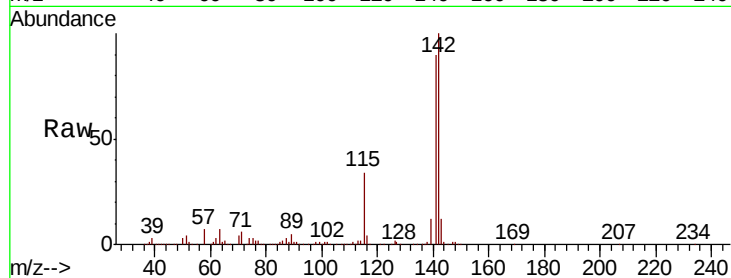
#37
2-Methylnaphthalene
Concen: 41.782 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampled :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.7	109.1
115	34.3	27.0	40.4

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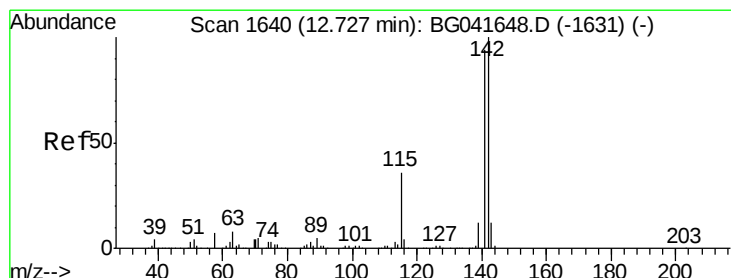
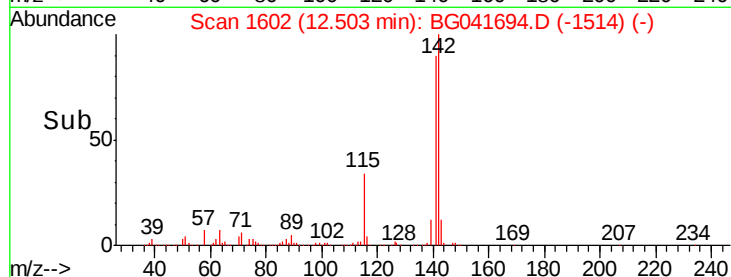
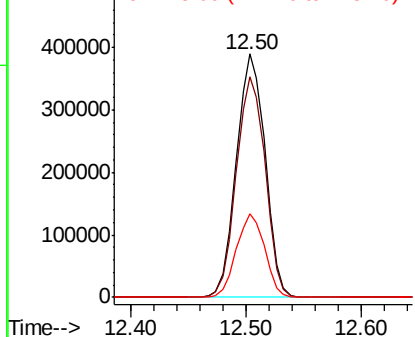


Abundance

Ion 142.00 (141.70 to 142.70): E

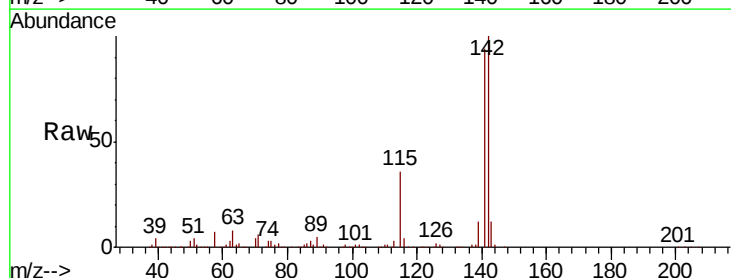
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.397 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.4	113.2
116	4.0	3.2	4.8

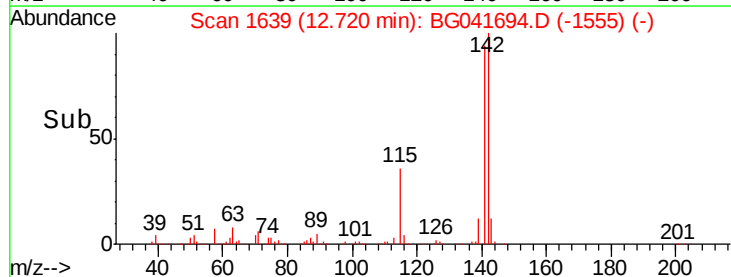
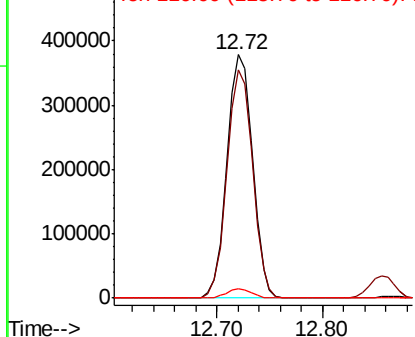


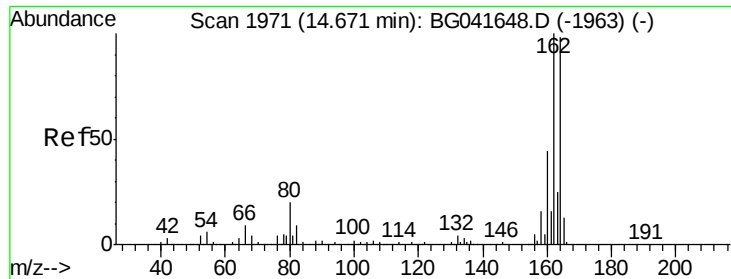
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





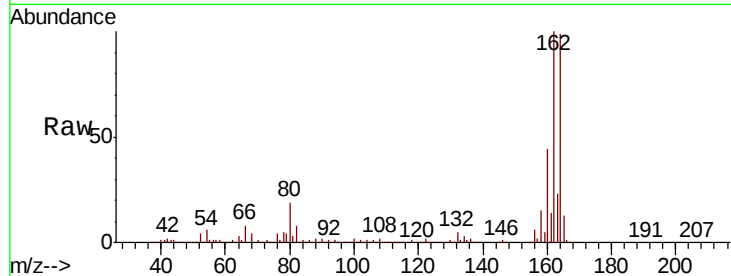
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.6	119.4
160	44.9	35.4	53.0

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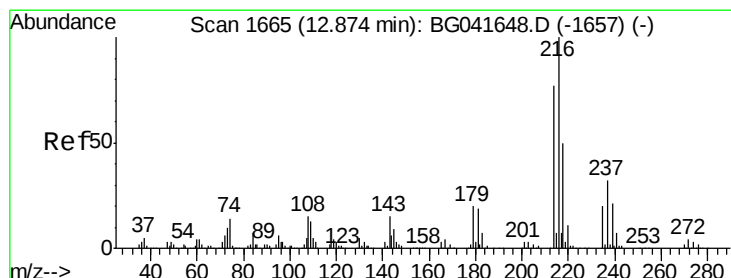
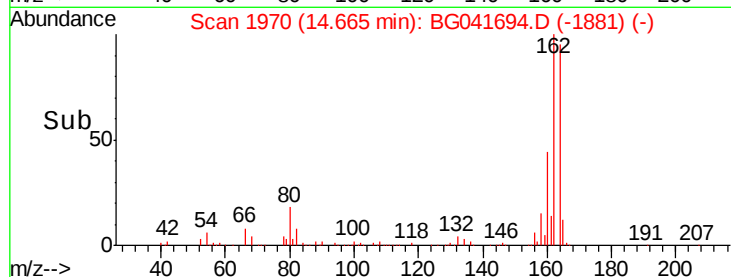
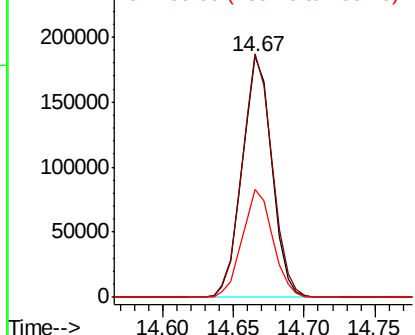


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.608 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.5	92.3
179	19.7	16.2	24.2
108	17.3	13.2	19.8

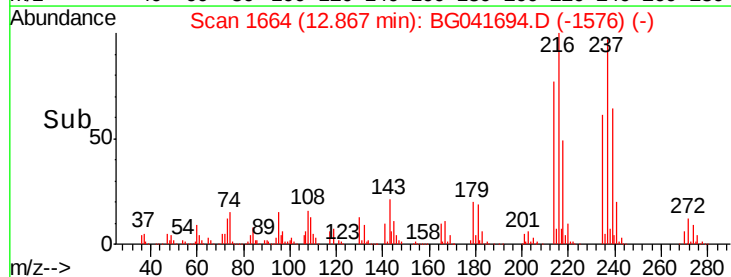
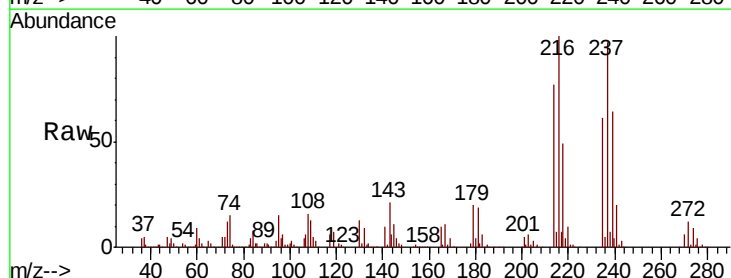
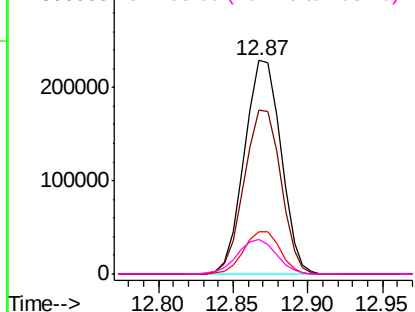
Abundance

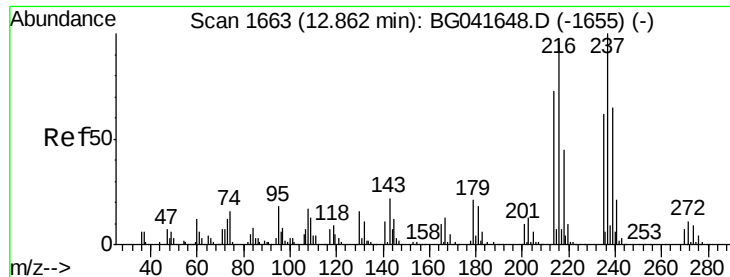
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.150 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

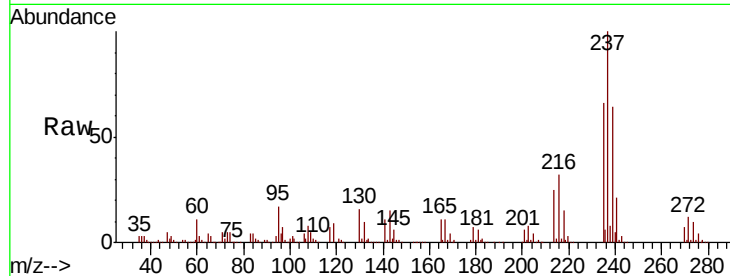
ClientSampleId :

SB-4(0-2)MS

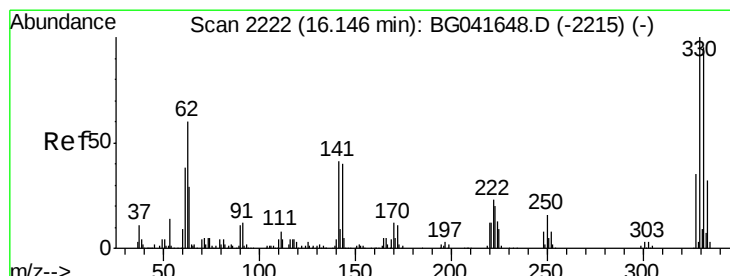
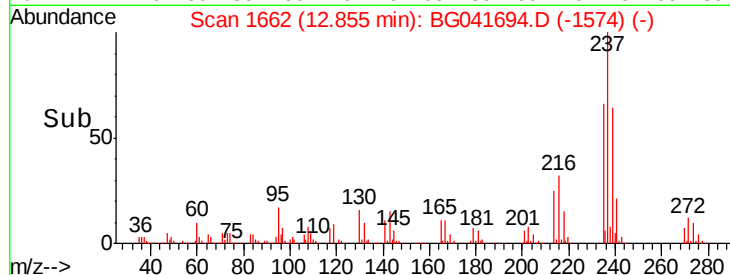
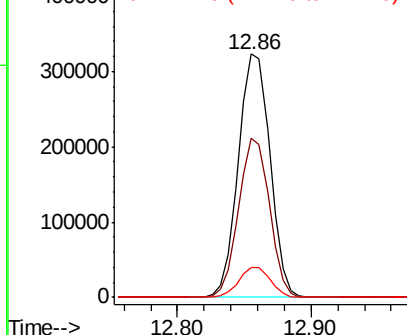
Tot Ion:	237	Resp:	529748
Ion Ratio	Lower	Upper	
237	100		
235	65.6	43.5	83.5
272	12.5	0.0	31.2

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.733 ng

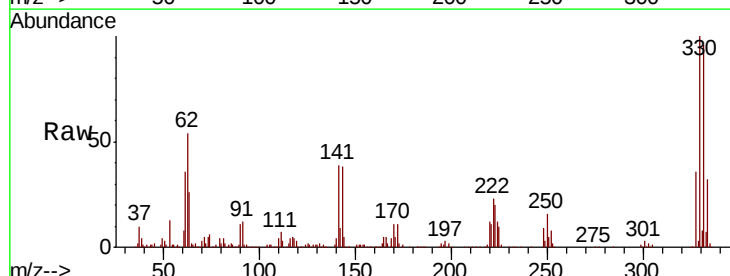
RT: 16.15 min Scan# 2222

Delta R.T. -0.00 min

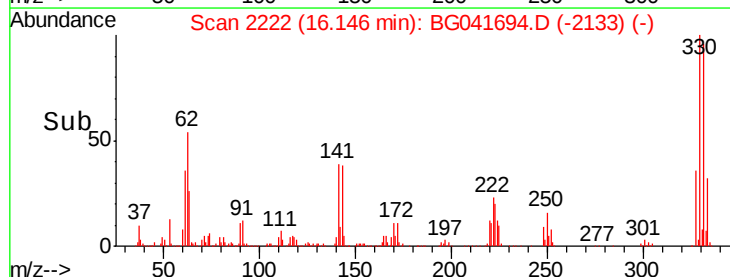
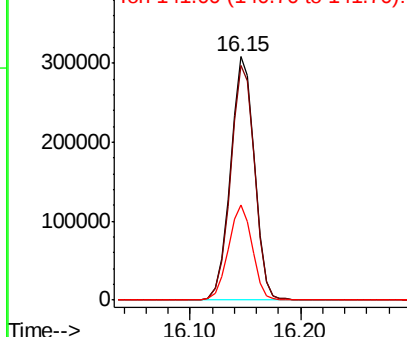
Lab File: BG041694.D

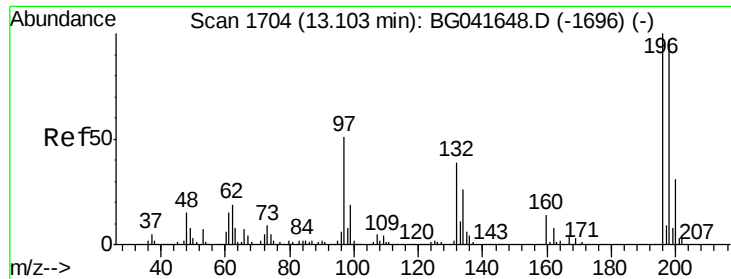
Acq: 17 Jul 2019 19:04

Tgt Ion:	330	Resp:	469885
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.0
141	39.0	31.9	47.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





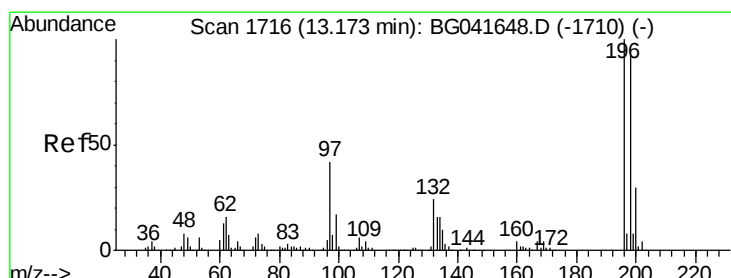
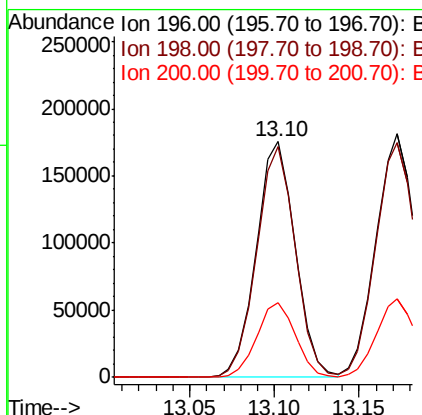
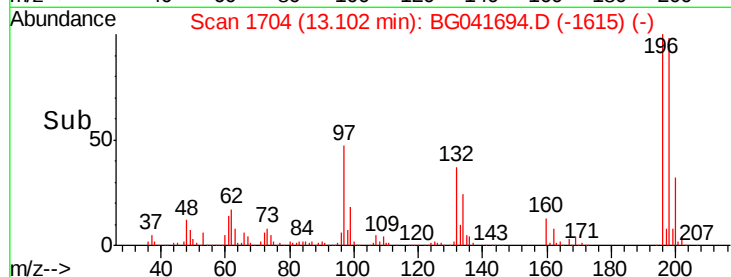
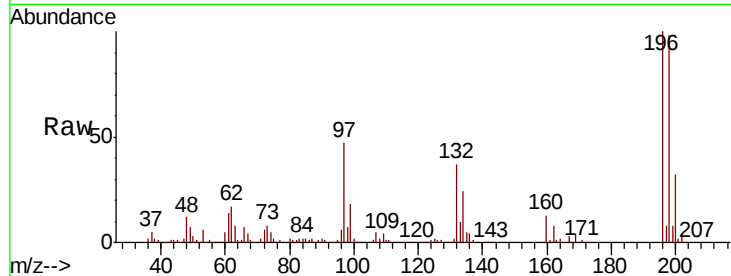
#43
 2,4,6-Trichlorophenol
 Concen: 46.392 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	281868		
198	97.9	79.6	119.4	
200	31.8	25.2	37.8	

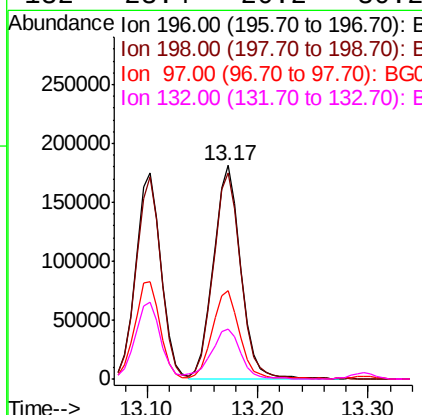
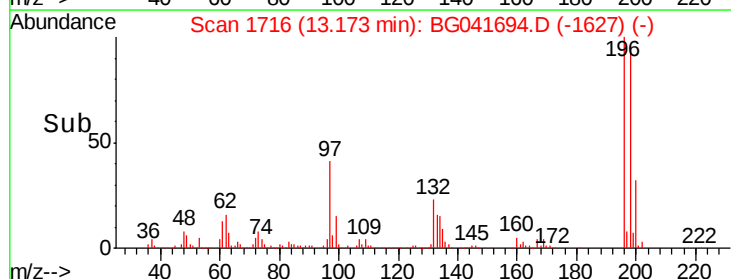
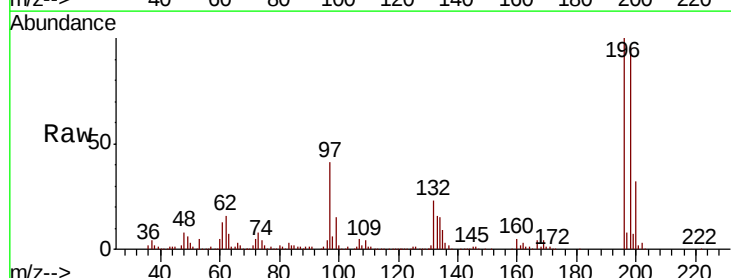
Manual Integrations
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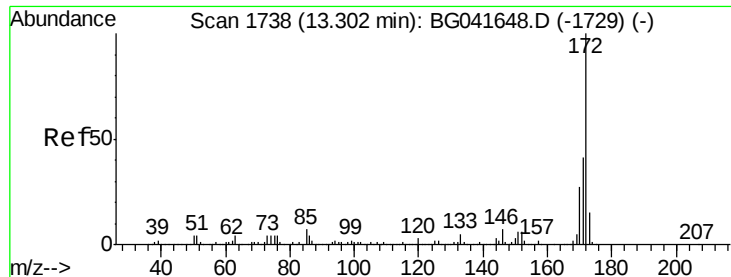
mohammad
 7/19/2019 2:24:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.180 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308422		
198	96.3	80.6	121.0	
97	41.2	33.9	50.9	
132	23.4	20.2	30.2	





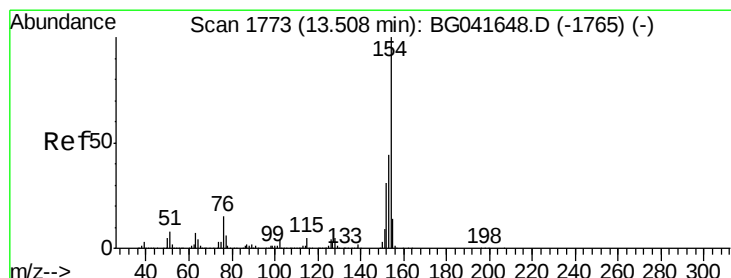
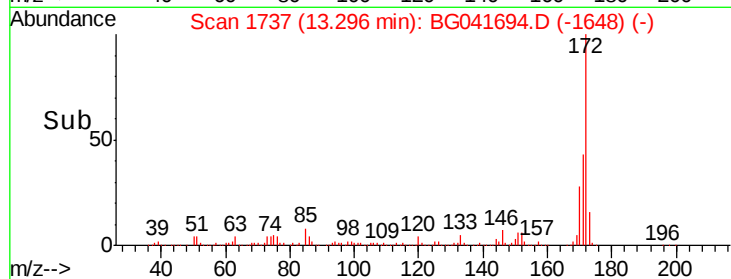
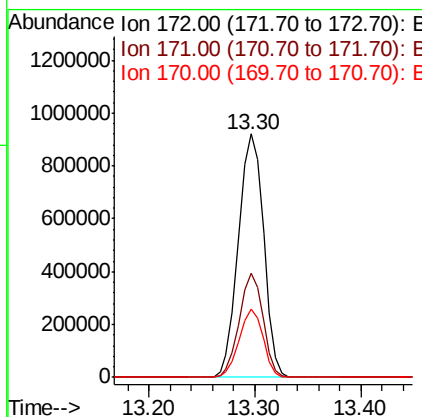
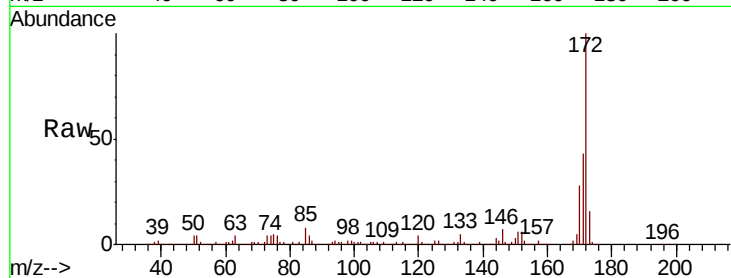
#45
2-Fluorobiphenyl
Concen: 86.261 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.5	35.0	52.4
170	27.8	23.5	35.3

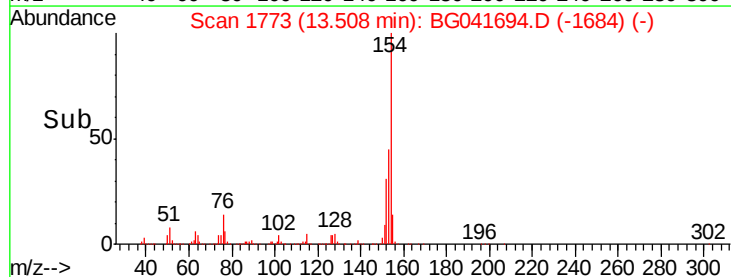
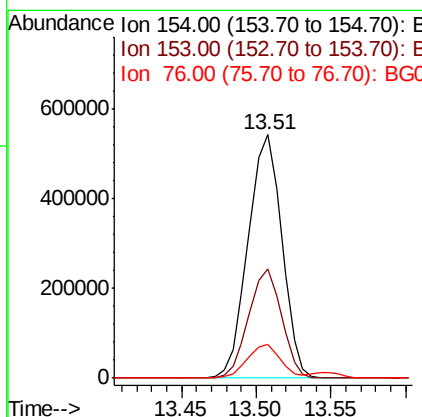
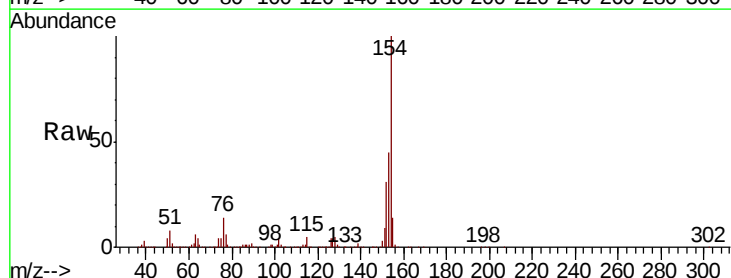
Manual Integrations
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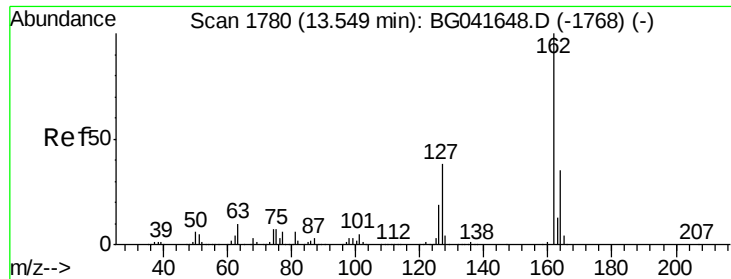
mohammad
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#46
1,1'-Biphenyl
Concen: 41.462 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	25.0	65.0
76	13.6	0.0	34.5





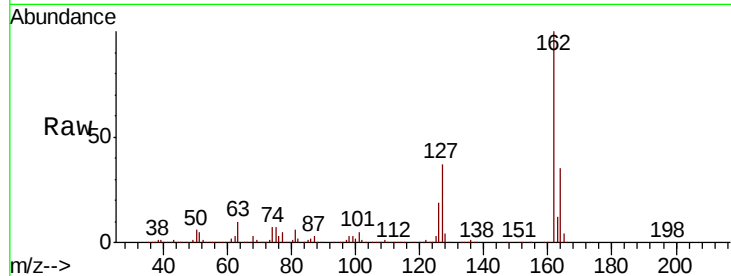
#47
2-Chloronaphthalene
Concen: 40.020 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.4	45.6
164	34.7	28.6	42.8

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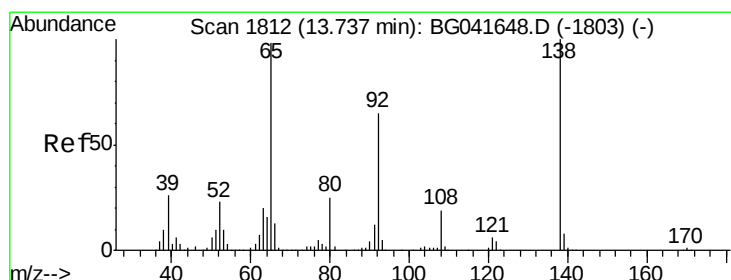
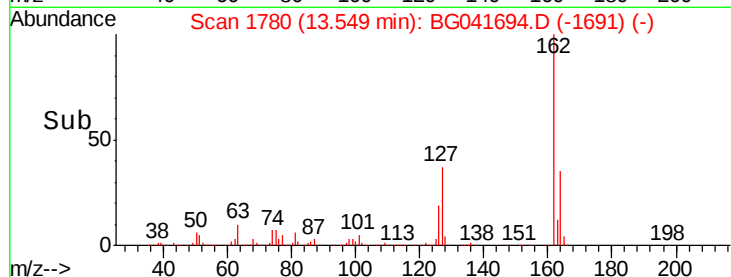
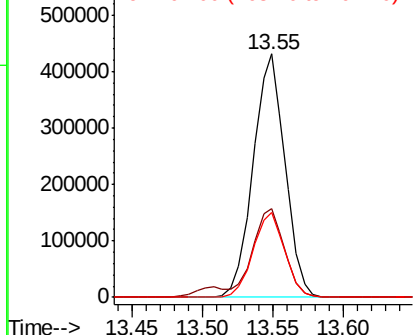


Abundance

Ion 162.00 (161.70 to 162.70): E

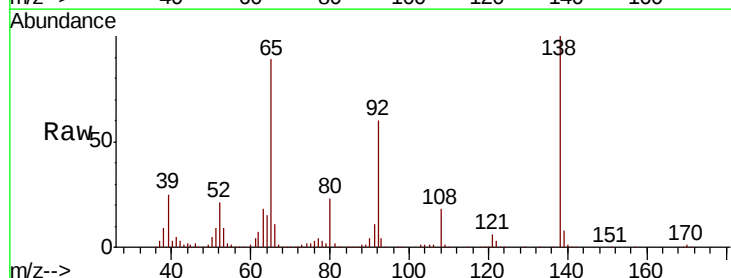
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.346 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.9	80.9
138	112.0	83.5	125.3

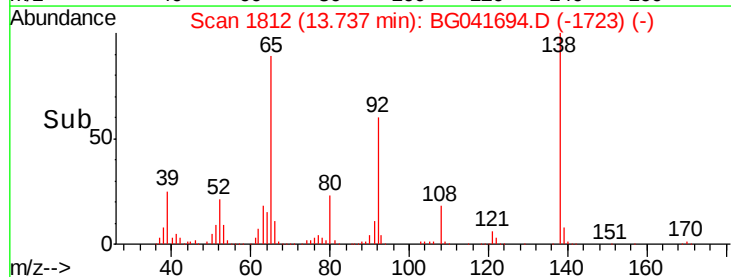
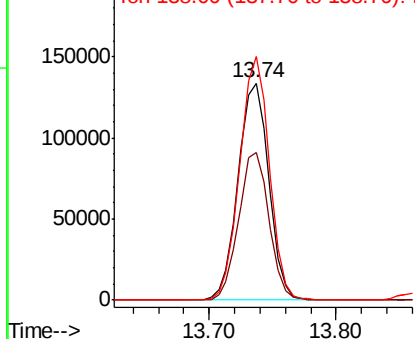


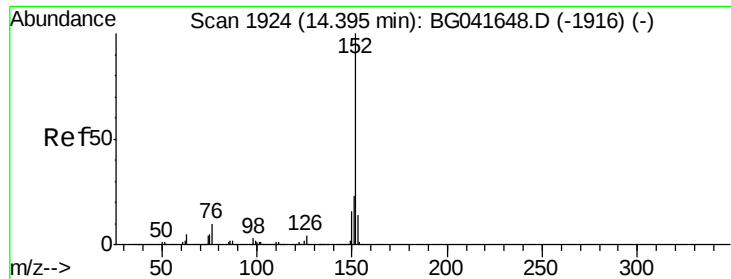
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.830 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

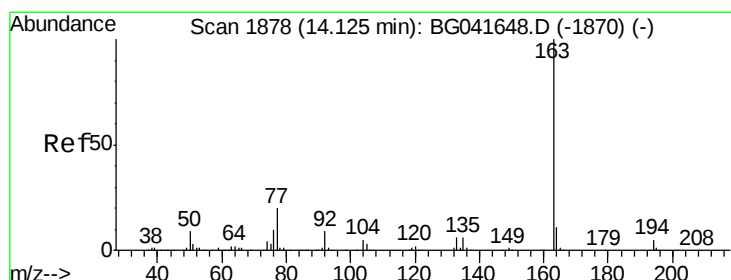
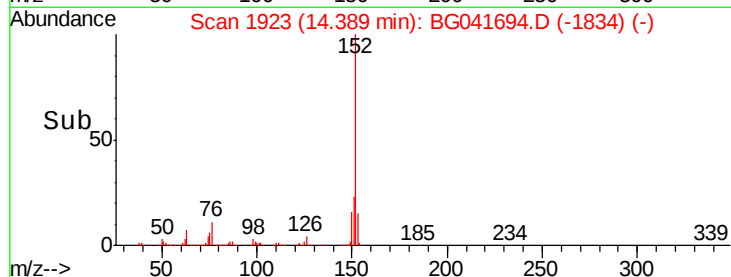
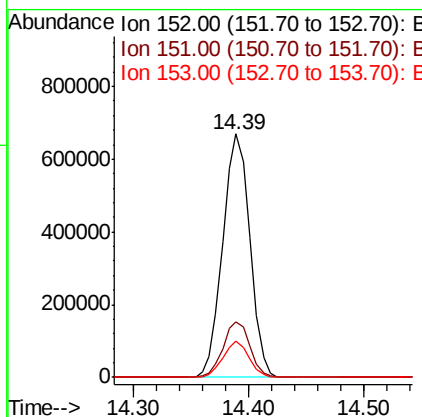
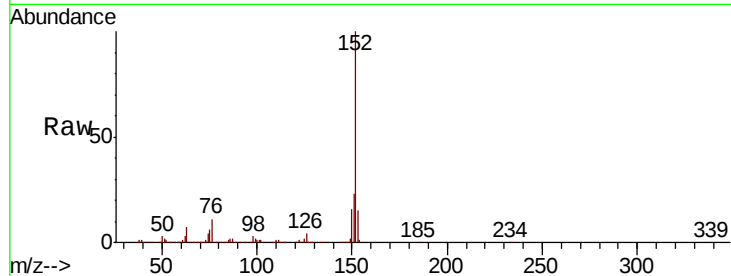
ClientSampleId :

SB-4(0-2)MS

Tot Ion:	152	Resp:	1086432
Ion	Ratio	Lower	Upper
152	100		
151	23.0	18.7	28.1
153	14.7	12.4	18.6

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#50

Dimethylphthalate

Concen: 71.761 ng

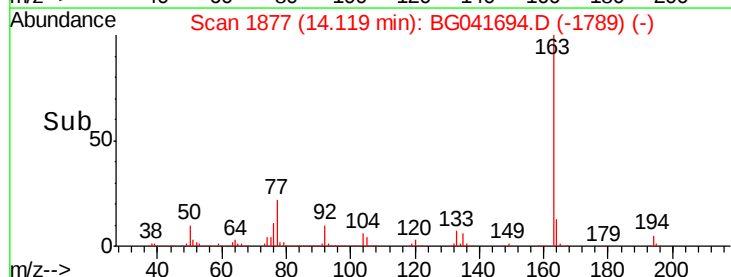
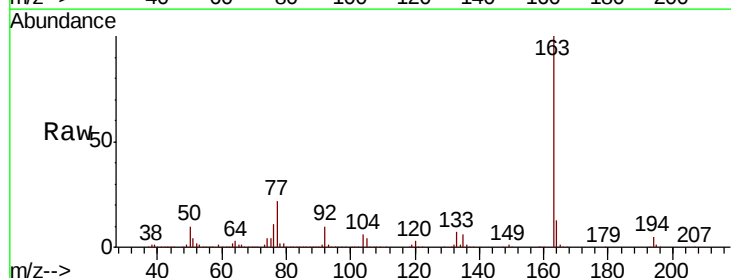
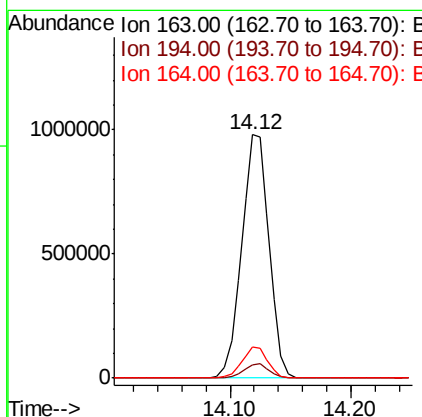
RT: 14.12 min Scan# 1877

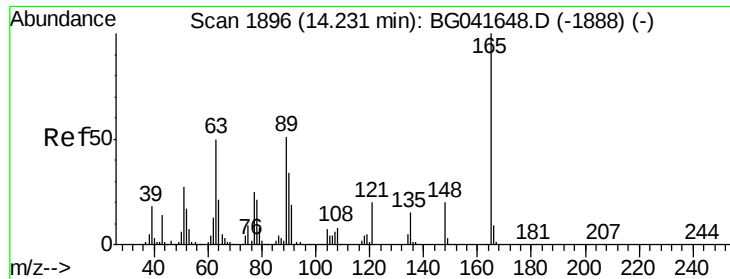
Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	163	Resp:	1538561
Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.2	6.2
164	12.6	9.4	14.2





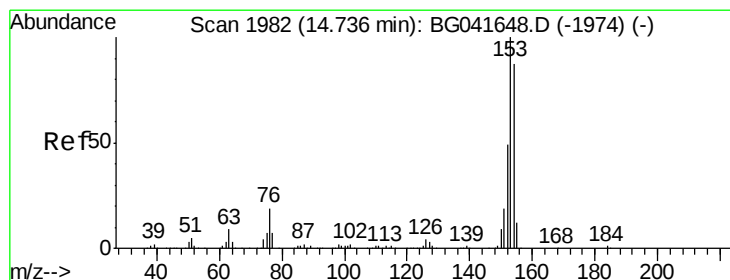
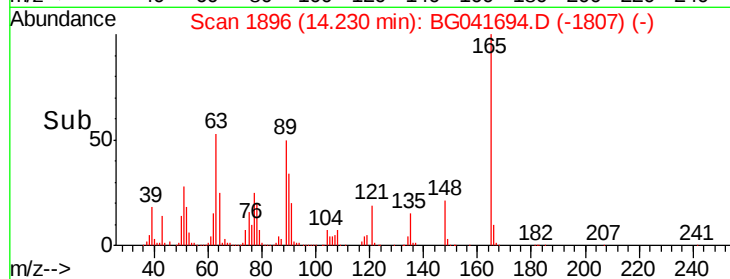
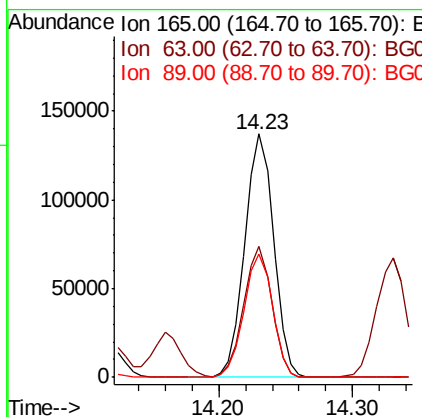
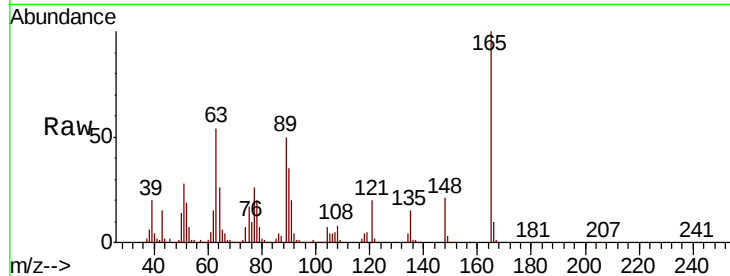
#51
2,6-Dinitrotoluene
Concen: 45.047 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	204858		
63	53.7		42.4	63.6
89	50.4		42.1	63.1

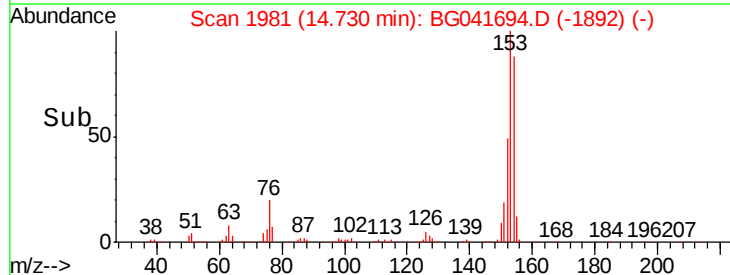
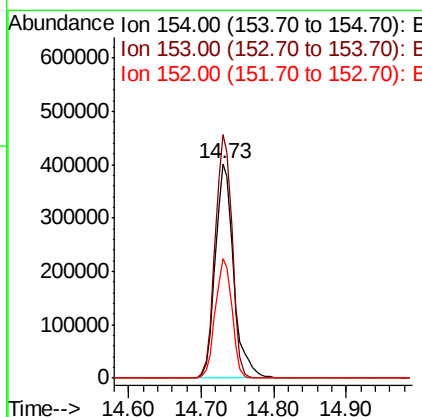
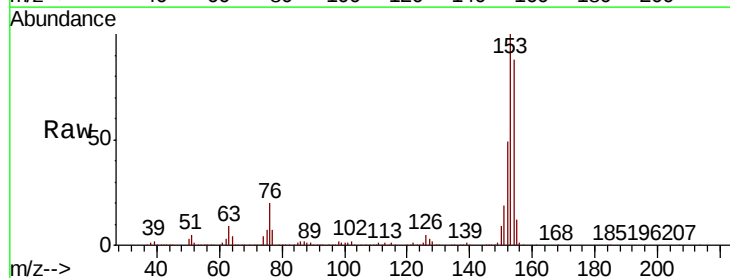
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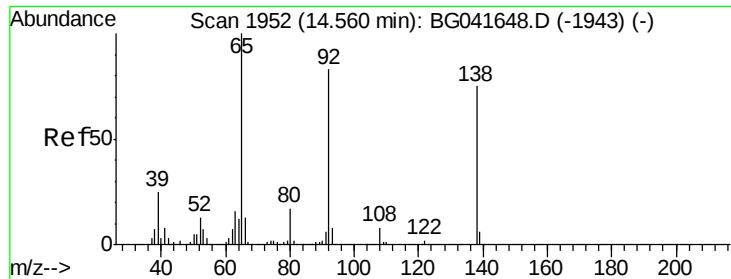
mohammad
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#52
Acenaphthene
Concen: 42.065 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	705367		
153	113.4		89.8	134.6
152	55.7		44.9	67.3





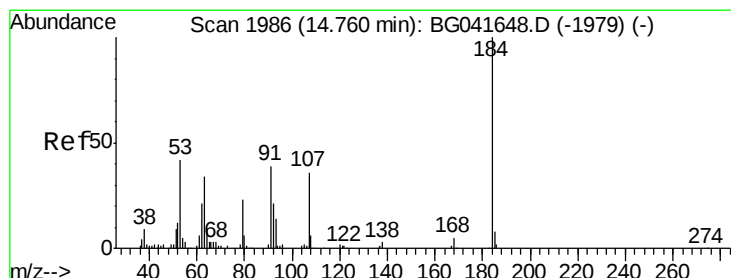
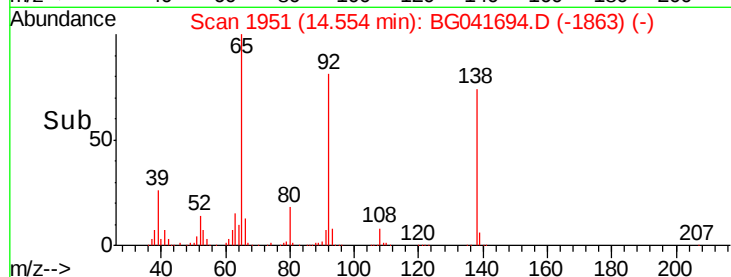
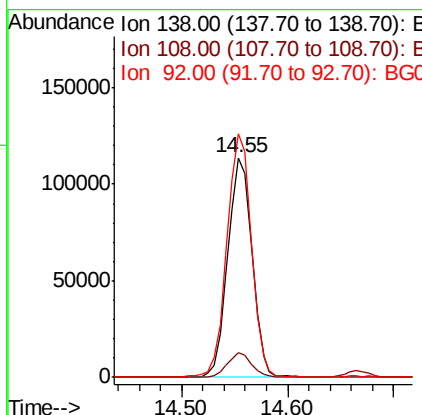
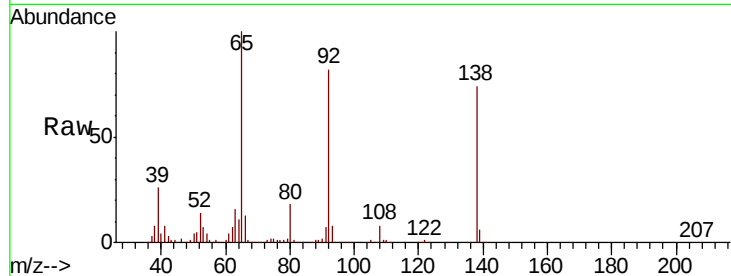
#53
3-Nitroaniline
Concen: 36.278 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.3	15.5
92	111.0	93.0	139.4

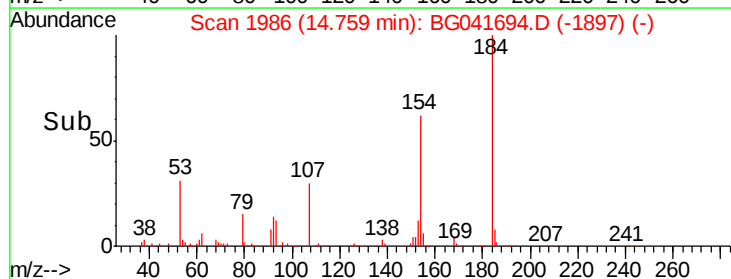
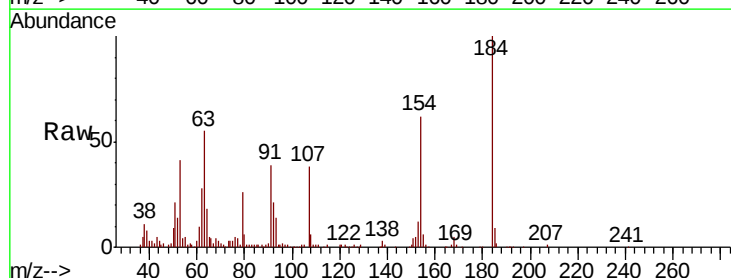
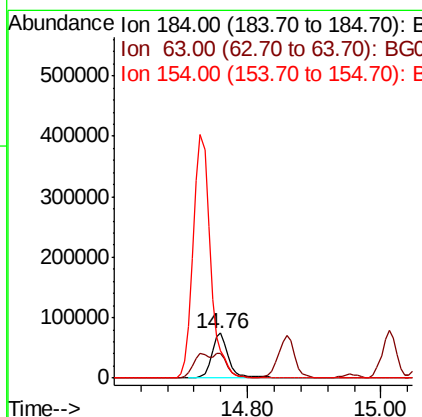
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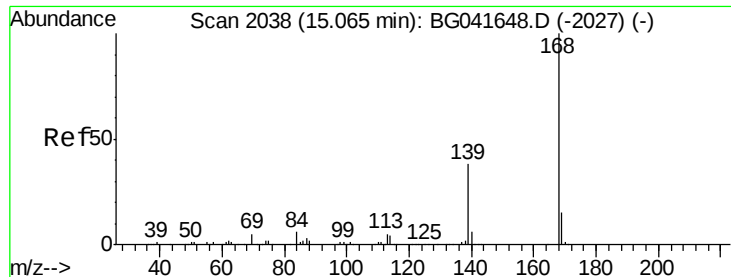
mohammad
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#54
2,4-Dinitrophenol
Concen: 60.707 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	43.2	64.8
154	62.1	51.4	77.2





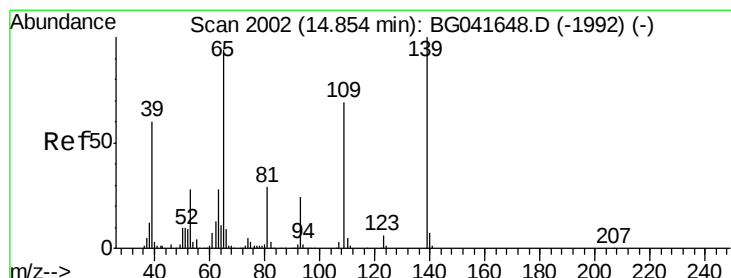
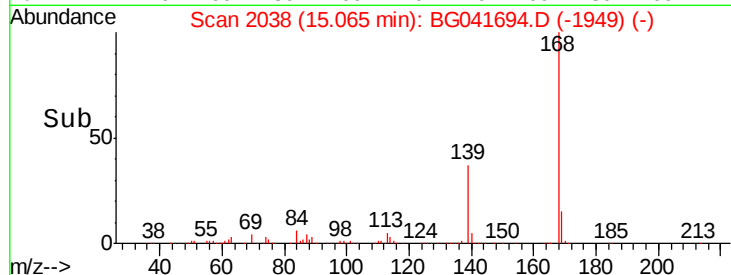
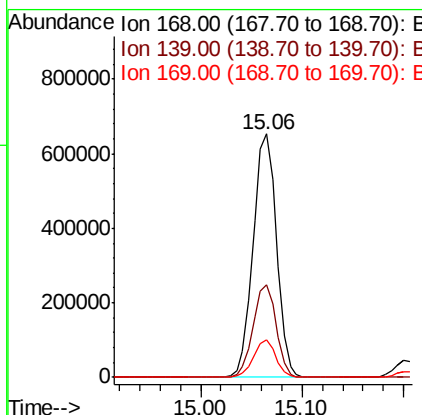
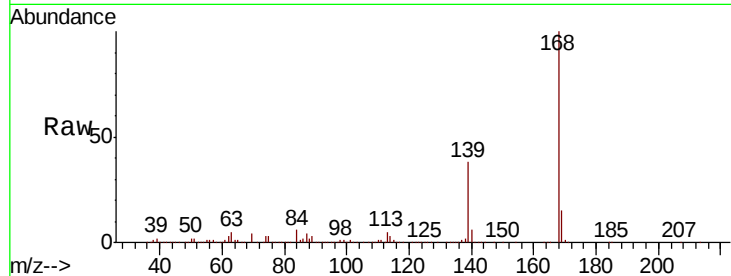
#55
Dibenzofuran
Concen: 41.570 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampled :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.9	47.9
169	15.2	12.5	18.7

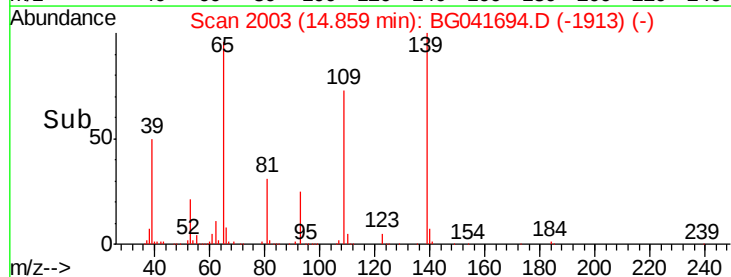
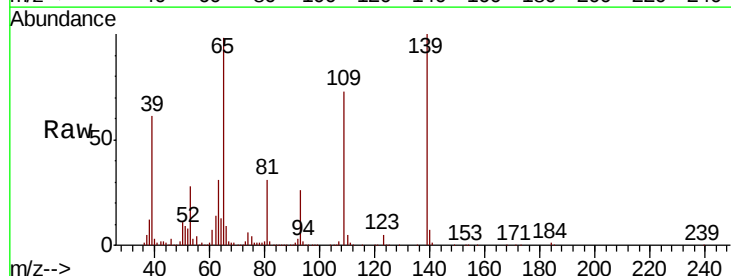
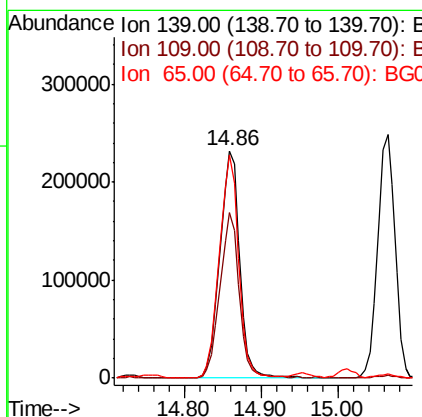
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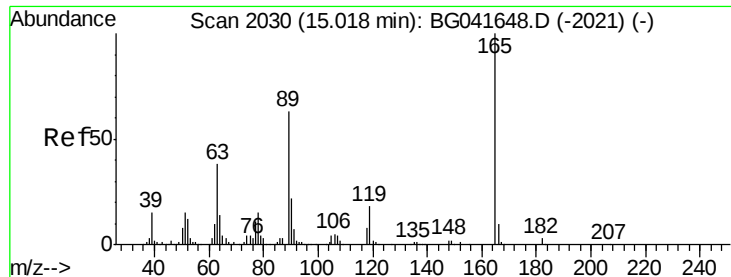
mohammad
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#56
4-Nitrophenol
Concen: 102.853 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.9	51.3	91.3
65	98.0	77.6	117.6





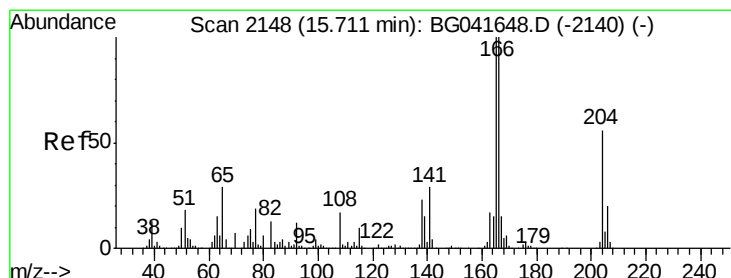
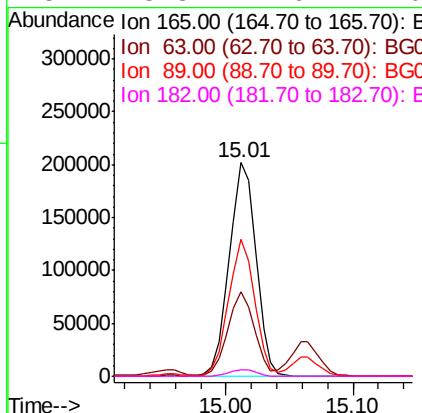
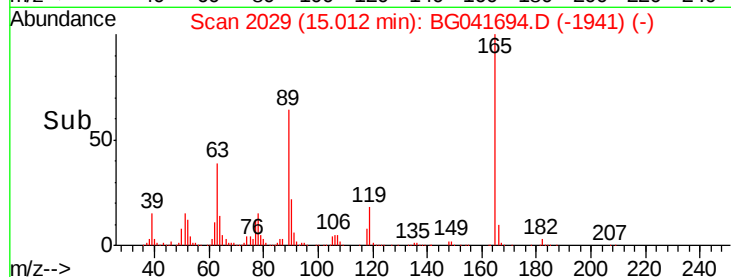
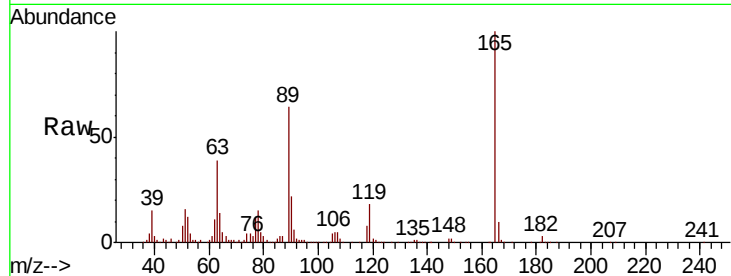
#57
2,4-Dinitrotoluene
Concen: 49.029 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	294736		
63	39.3		31.7	47.5
89	64.2		50.2	75.4
182	3.3		2.6	4.0

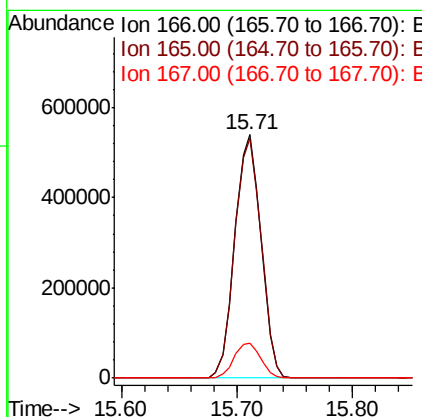
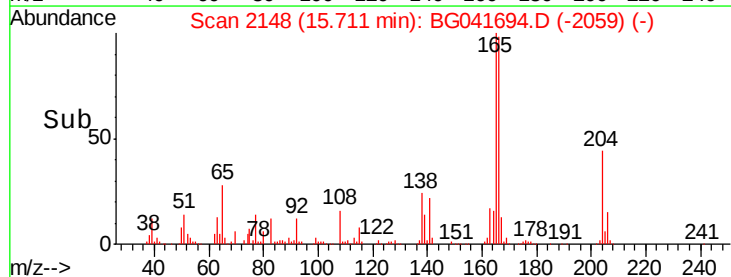
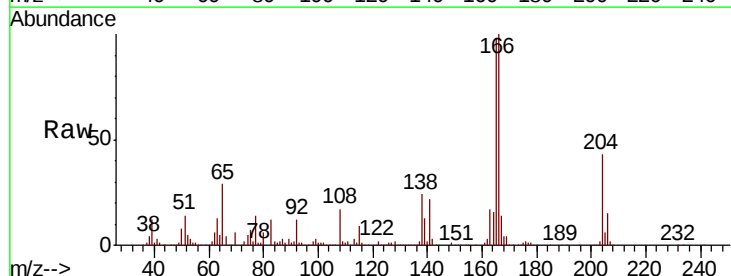
Manual Integrations
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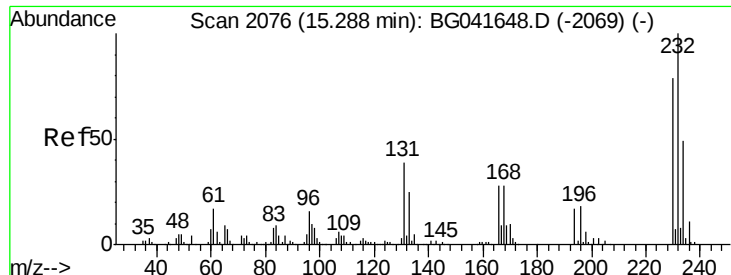
mohammad
7/19/2019 2:24:50 PM



#58
Fluorene
Concen: 41.366 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	846942		
165	98.3		80.5	120.7
167	14.5		12.4	18.6





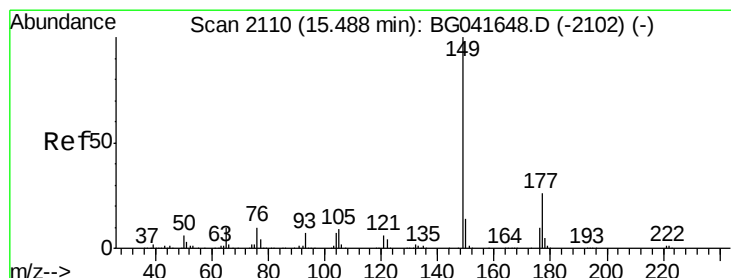
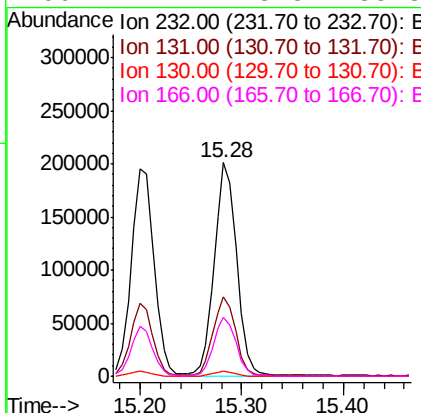
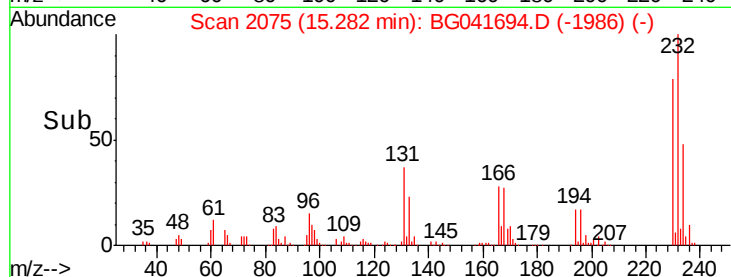
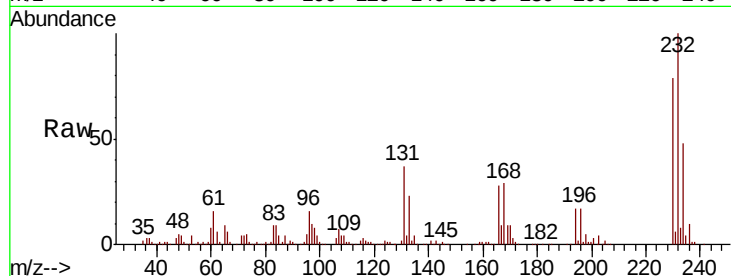
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.111 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.2	31.8	47.6
130	2.5	1.8	2.8
166	27.4	23.5	35.3

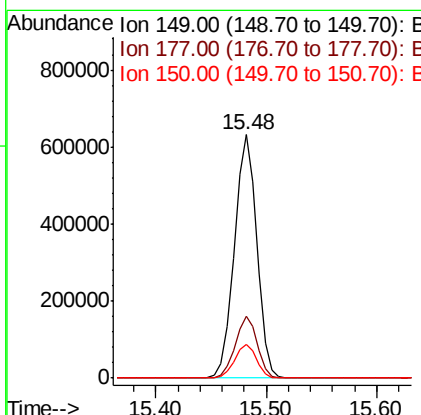
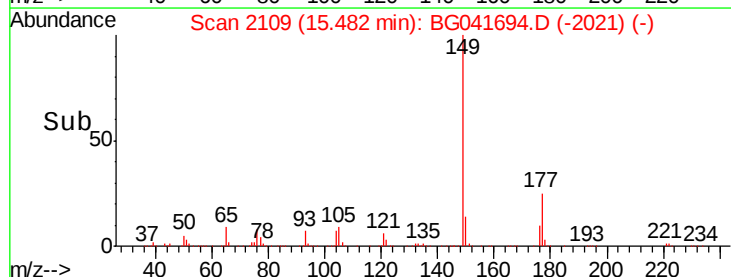
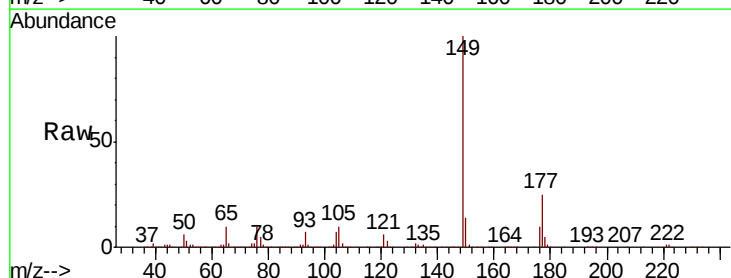
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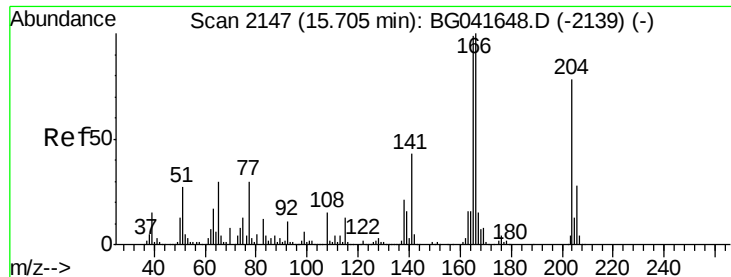
mohammad
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#60
 Diethylphthalate
 Concen: 41.611 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.7	31.1
150	14.0	11.5	17.3





#61

4-Chlorophenyl-phenylether

Concen: 41.591 ng

RT: 15.71 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

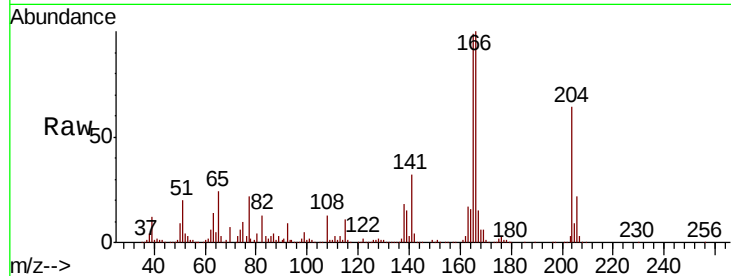
ClientSampleId :

SB-4(0-2)MS

Tot Ion:	204	Resp:	481356
Ion Ratio	Lower	Upper	
204	100		
206	35.2	28.6	42.8
141	49.9	42.9	64.3

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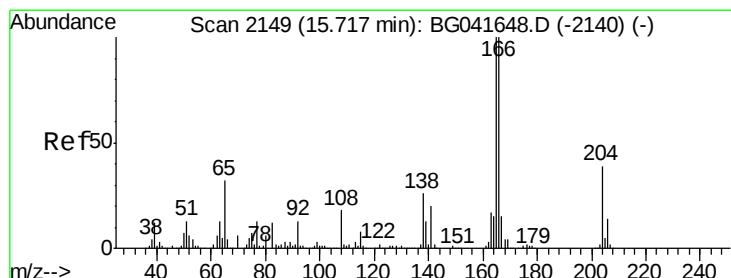
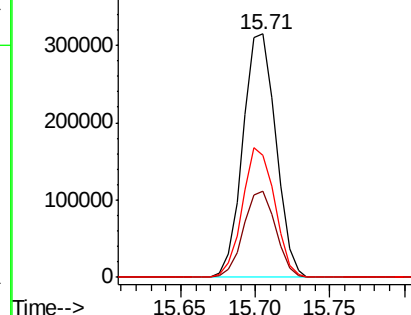
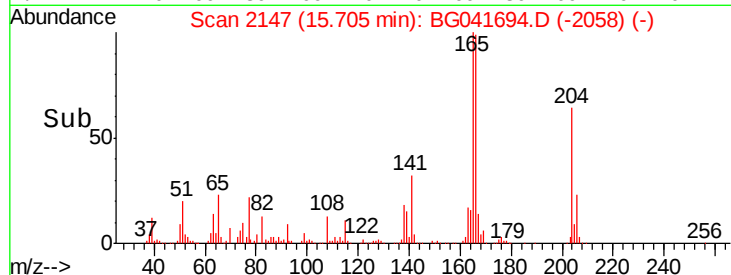


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 46.096 ng

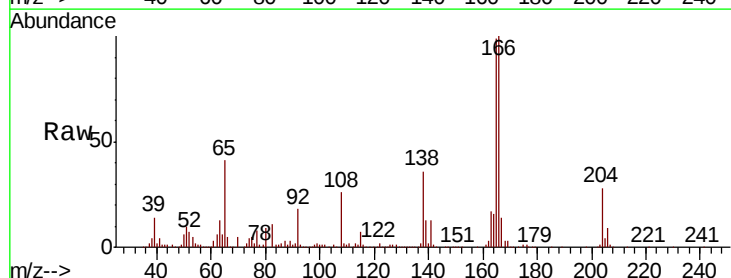
RT: 15.72 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	138	Resp:	242699
Ion Ratio	Lower	Upper	
138	100		
92	48.9	29.8	69.8
108	72.6	52.2	92.2

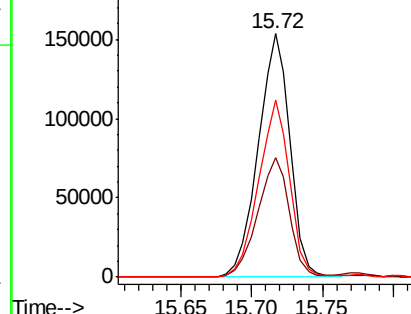
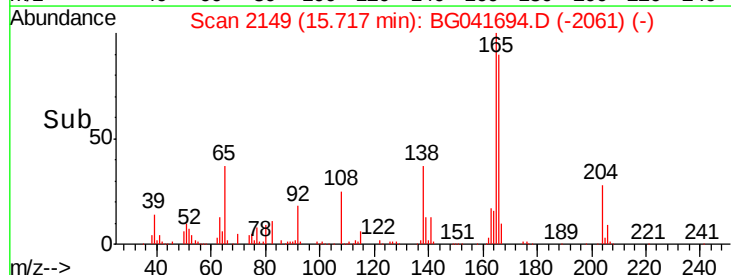


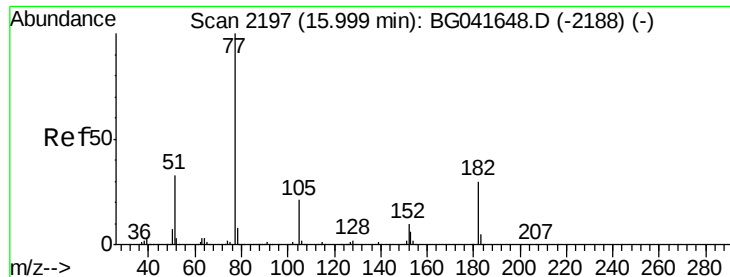
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.532 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

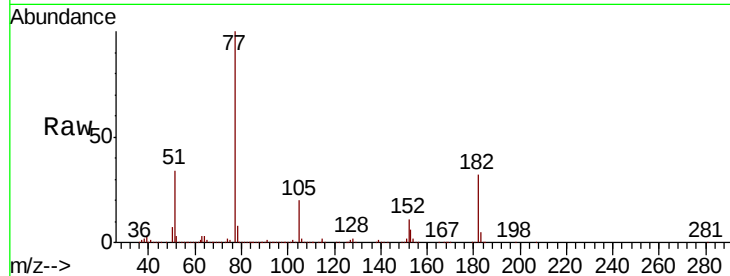
ClientSampleId :

SB-4(0-2)MS

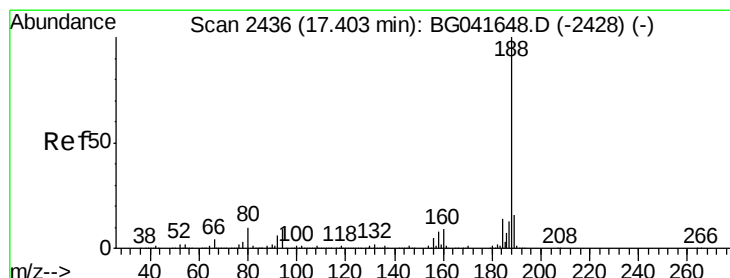
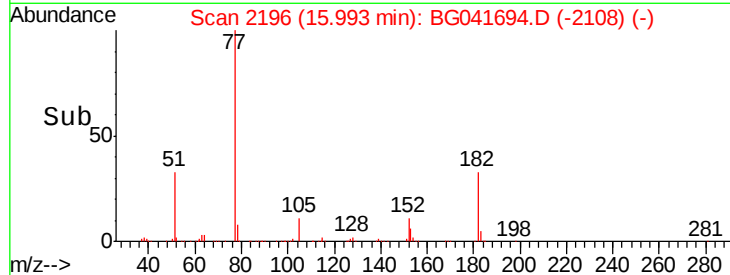
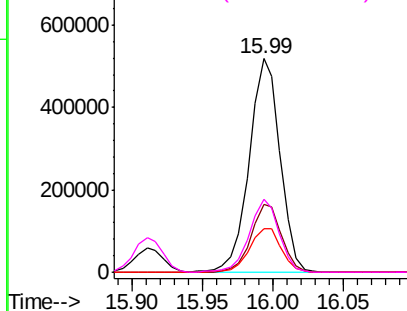
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	13.2	53.2
105	20.3	2.2	42.2
51	34.2	14.6	54.6

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

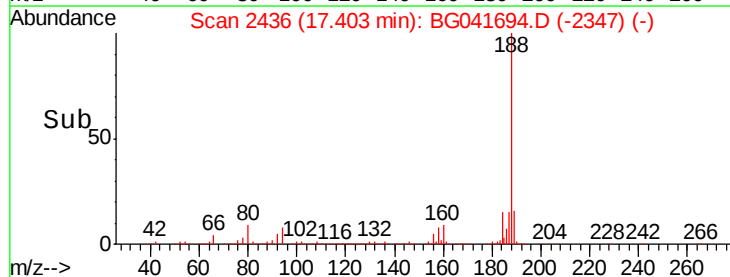
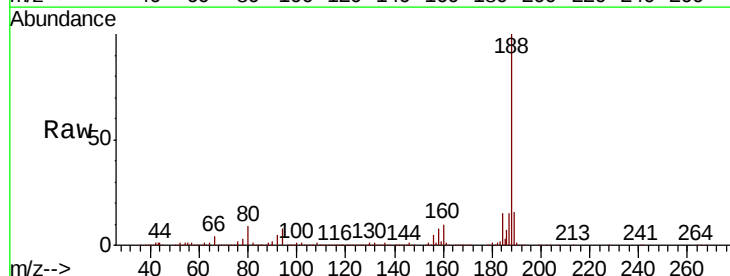
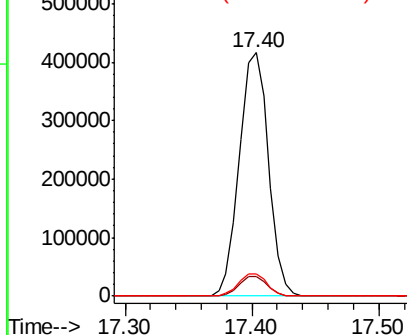
Delta R.T. -0.00 min

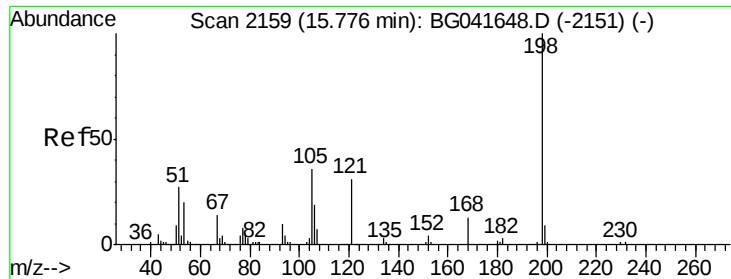
Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.3	8.0	12.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.297 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

Tot Ion:198 Resp: 155879

Ion Ratio Lower Upper

198 100

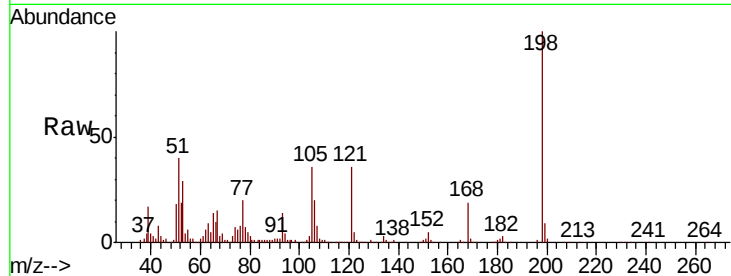
51 40.3 22.3 62.3

105 35.7 18.0 58.0

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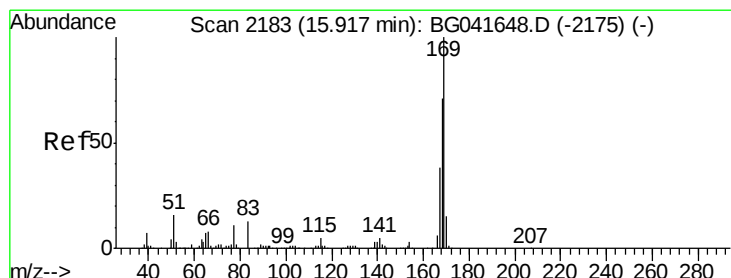
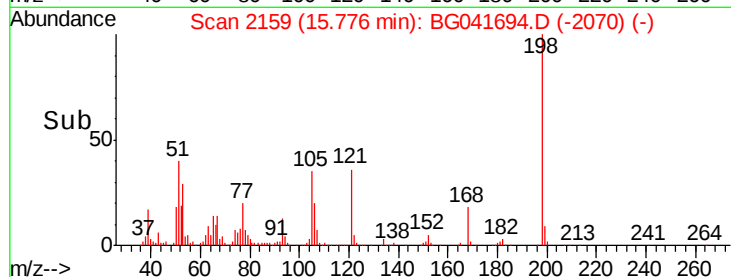
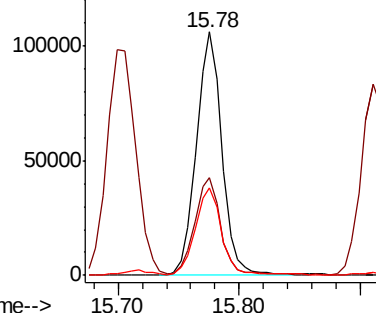
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.948 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

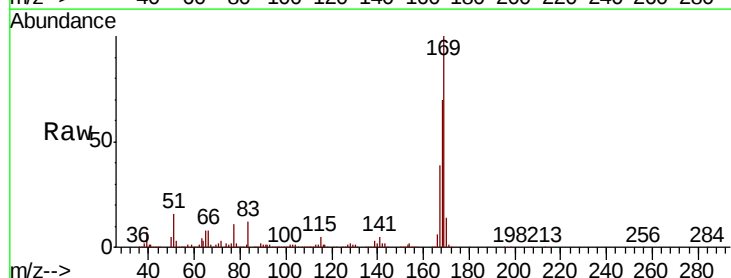
Tgt Ion:169 Resp: 797577

Ion Ratio Lower Upper

169 100

168 70.5 56.9 85.3

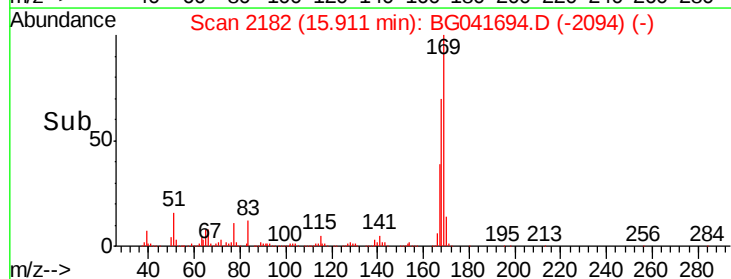
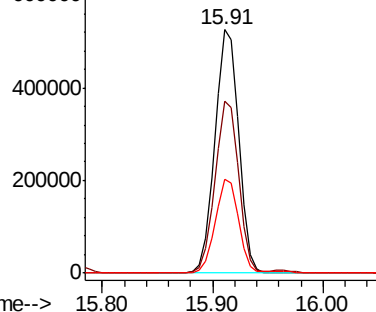
167 38.7 31.5 47.3

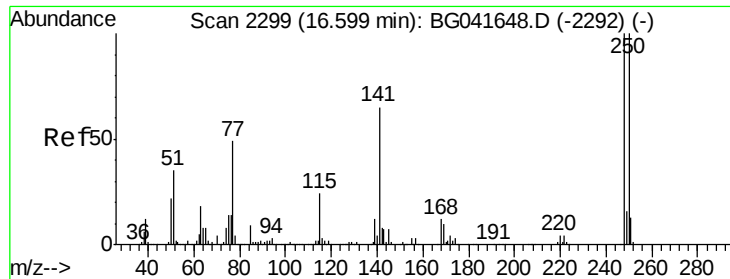


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.059 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

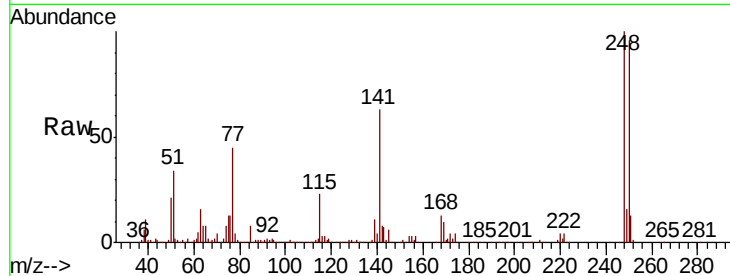
ClientSampleId :

SB-4(0-2)MS

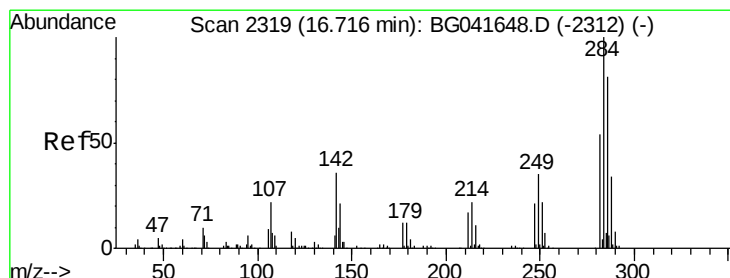
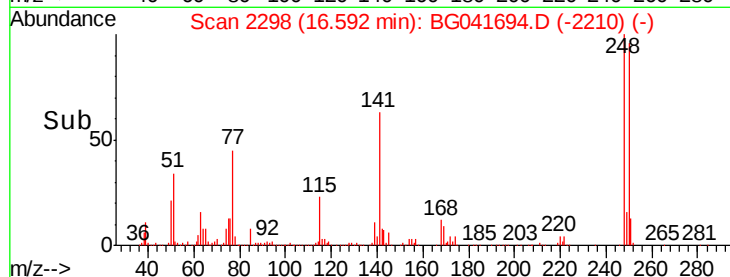
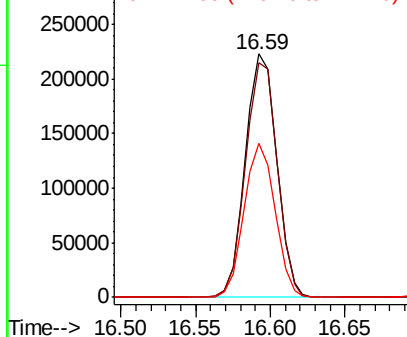
Tot Ion:	248	Resp:	324037
Ion Ratio	Lower	Upper	
248	100		
250	96.4	78.1	117.1
141	63.2	49.6	74.4

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.176 ng

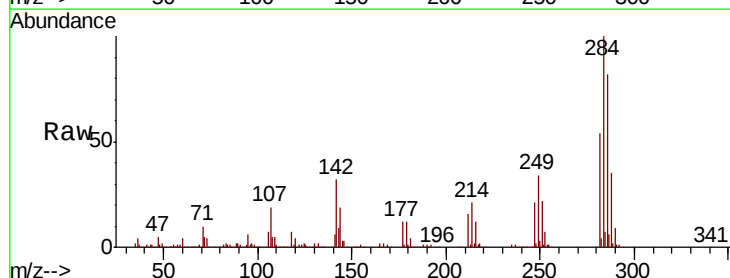
RT: 16.72 min Scan# 2319

Delta R.T. -0.00 min

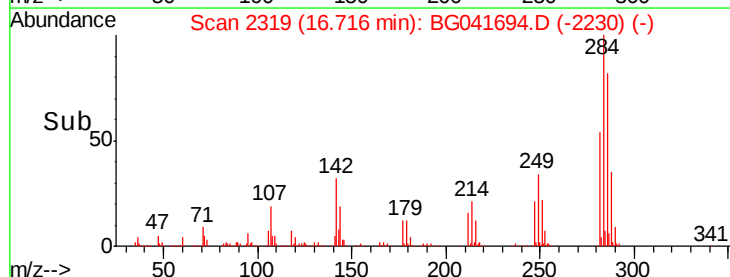
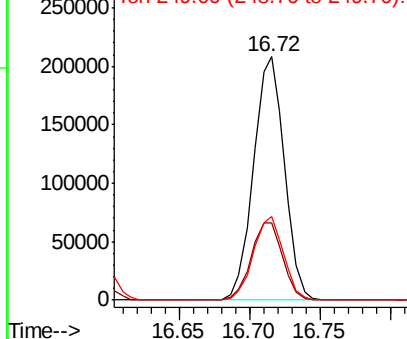
Lab File: BG041694.D

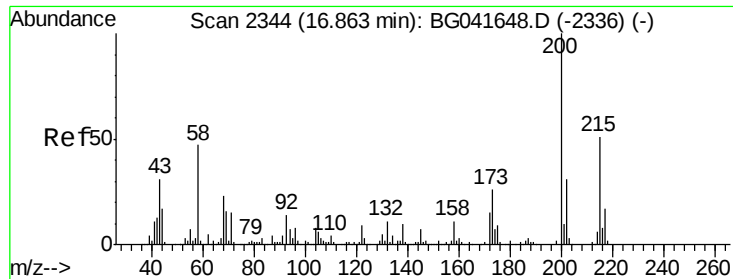
Acq: 17 Jul 2019 19:04

Tgt Ion:	284	Resp:	319283
Ion Ratio	Lower	Upper	
284	100		
142	31.6	27.0	40.6
249	34.4	28.4	42.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





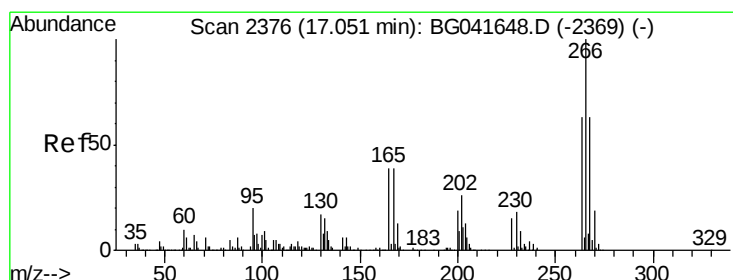
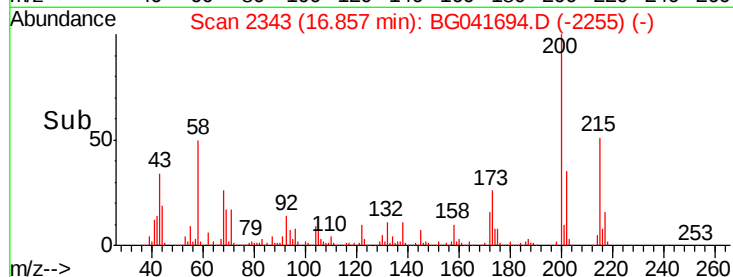
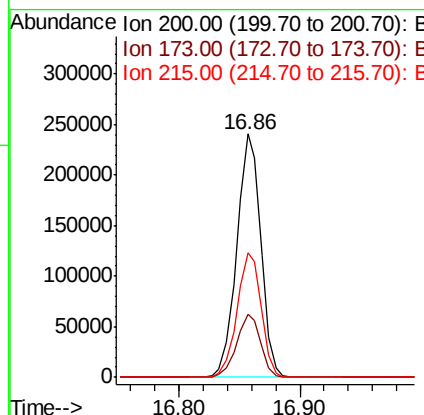
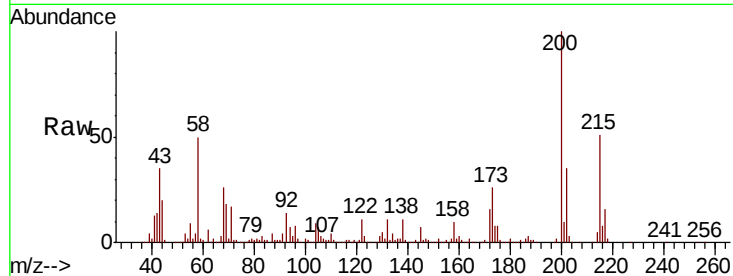
#69
 Atrazine
 Concen: 47.084 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.3	45.3
215	51.0	31.8	71.8

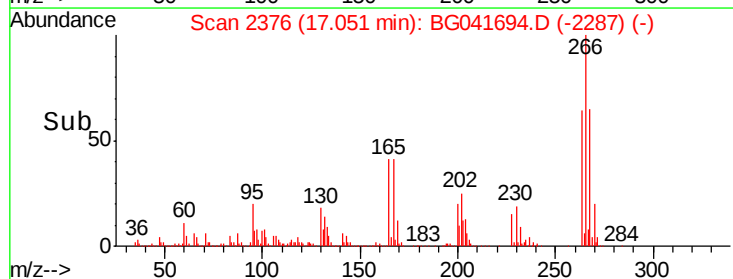
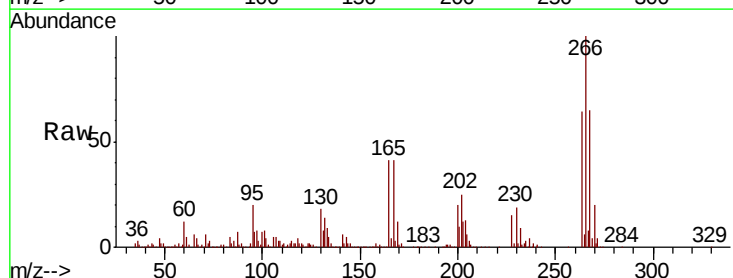
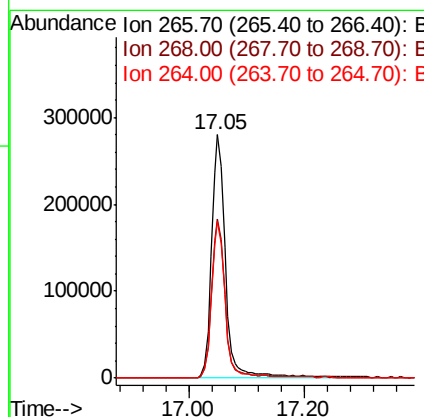
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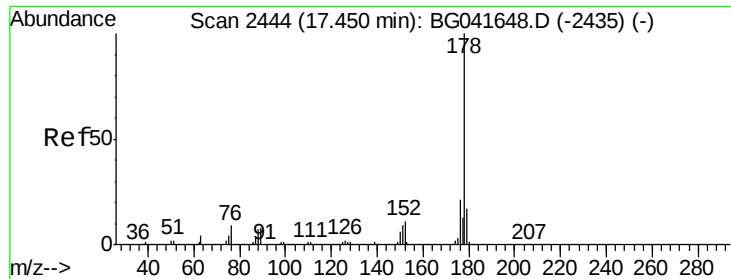
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#70
 Pentachlorophenol
 Concen: 96.564 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.9	79.3
264	64.2	51.4	77.2





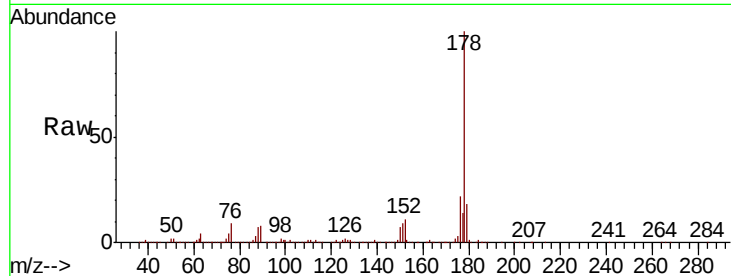
#71
Phenanthrene
Concen: 41.661 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.1	18.6	28.0
179	17.8	15.4	23.0

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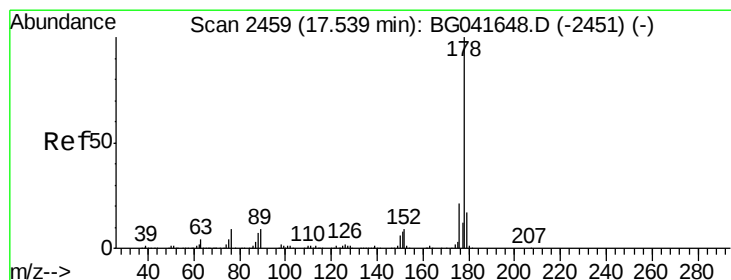
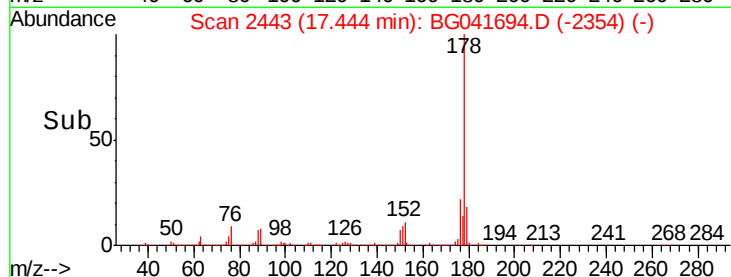
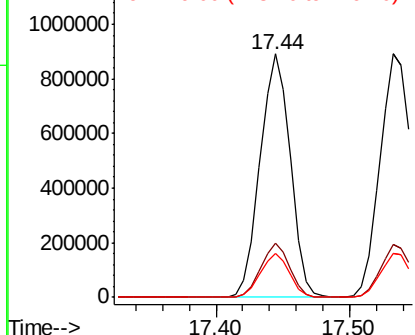


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 43.015 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

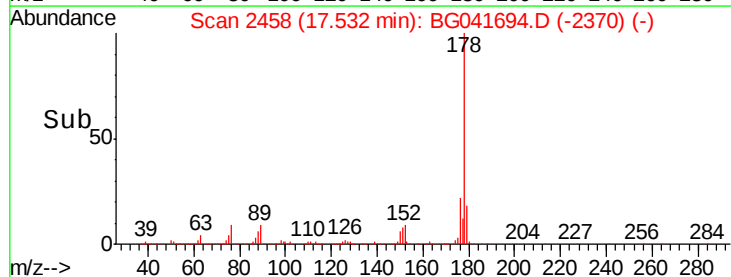
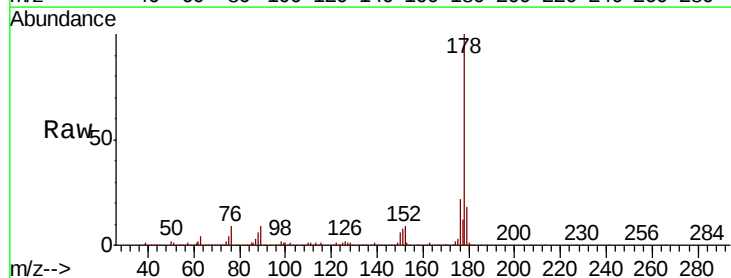
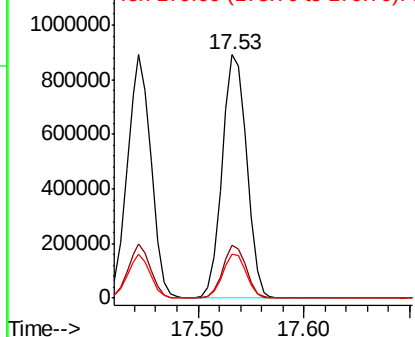
Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	18.6	28.0
179	18.2	15.1	22.7

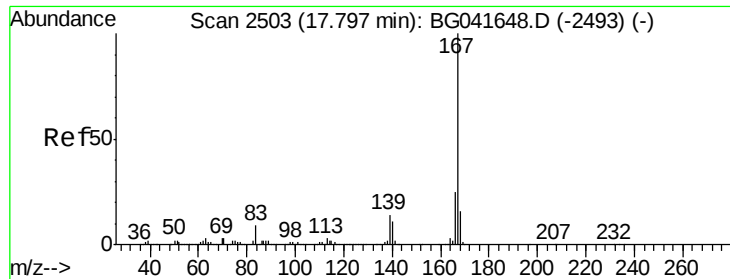
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





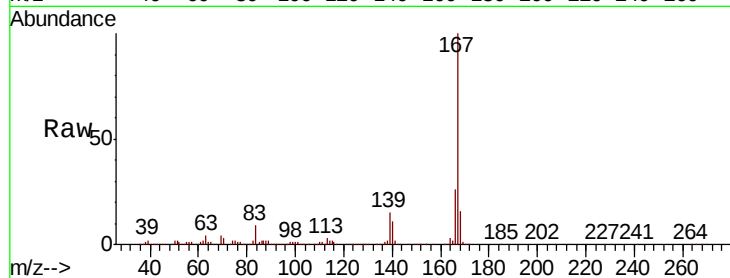
#73
 Carbazole
 Concen: 43.491 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.3	21.4	32.2
139	14.7	12.1	18.1

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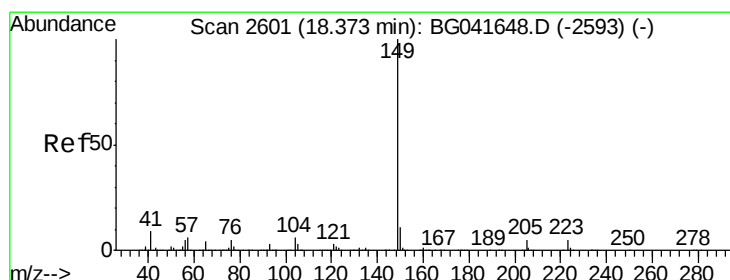
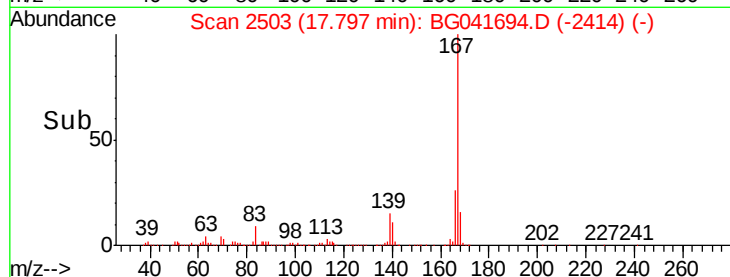
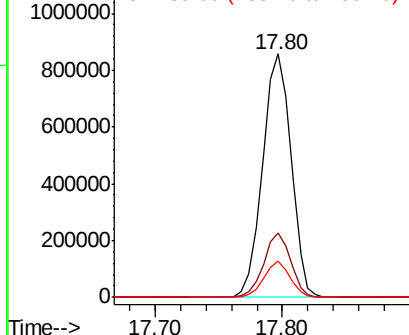


Abundance

Ion 167.00 (166.70 to 167.70): E

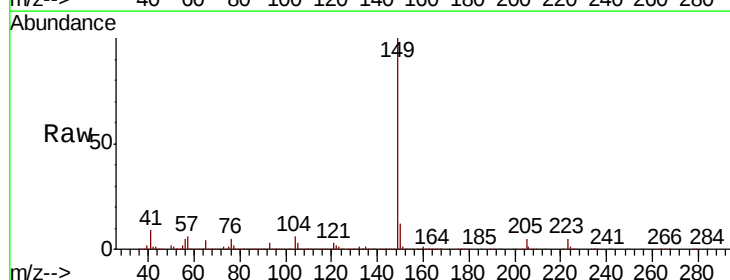
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.701 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	10.2	15.2
104	5.9	5.3	7.9

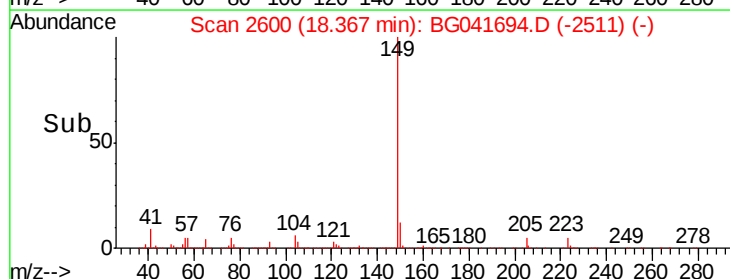
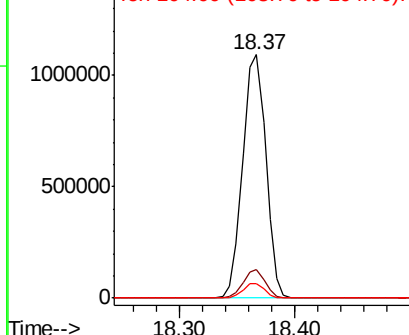


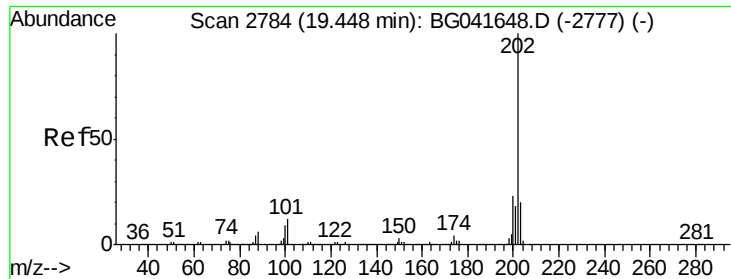
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.679 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

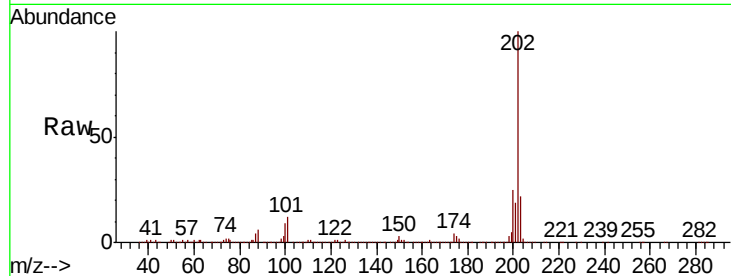
ClientSampleId :

SB-4(0-2)MS

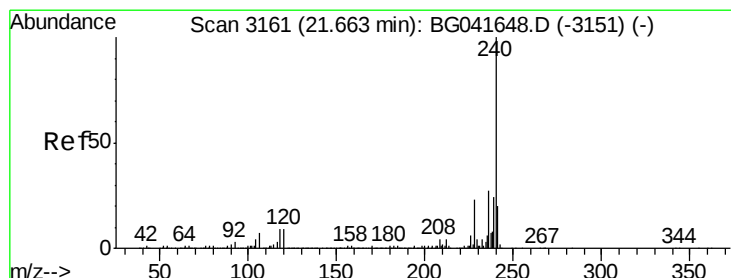
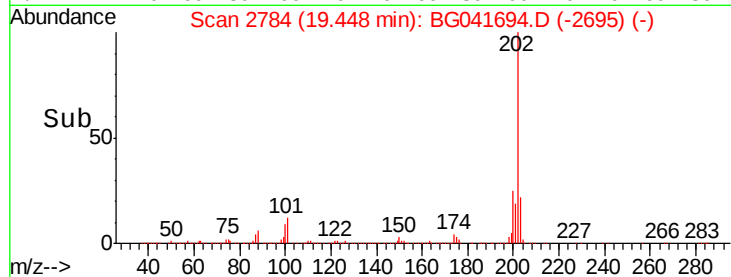
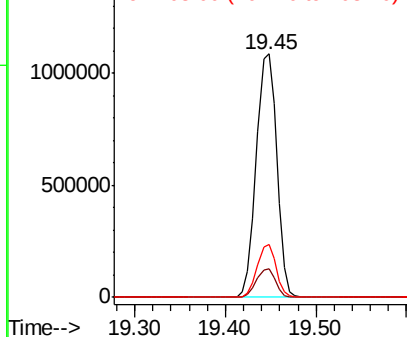
Tot Ion:	202	Resp:	1709482
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.8
203	21.8	3.7	43.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

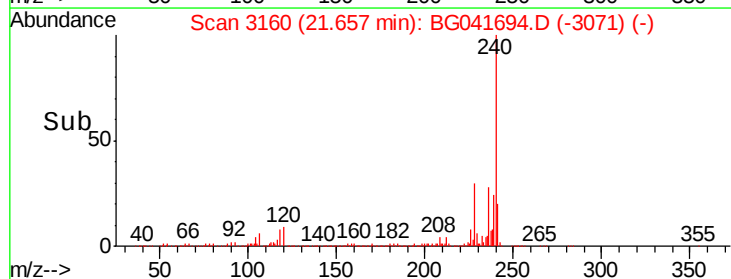
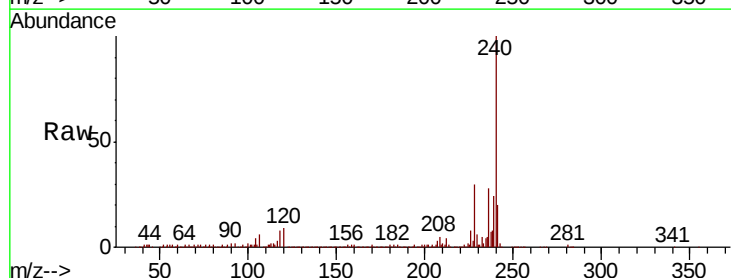
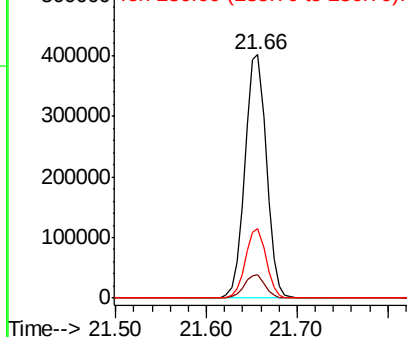
Delta R.T. -0.00 min

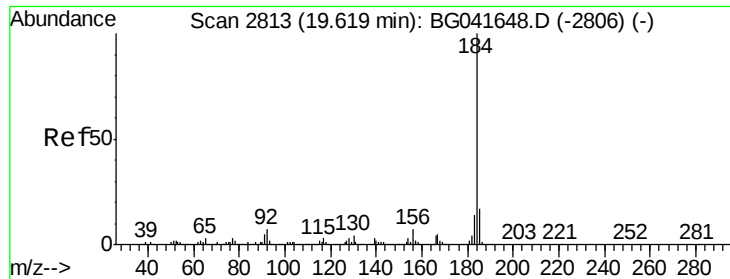
Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:	240	Resp:	657219
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.0	12.0
236	28.5	22.6	33.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.986 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampleId :

SB-4(0-2)MS

Tot Ion:184 Resp: 68018

Ion Ratio Lower Upper

184 100

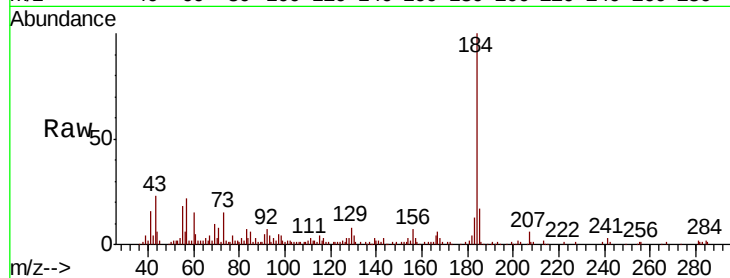
185 17.4 13.0 19.4

183 12.7 11.8 17.6

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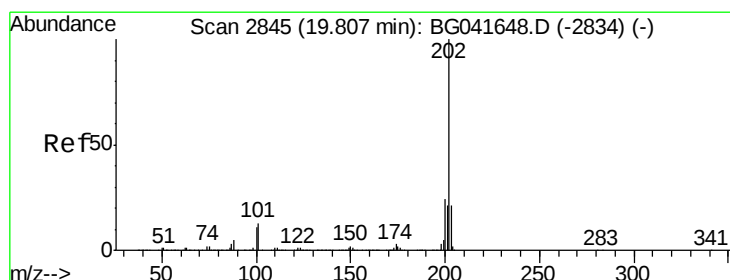
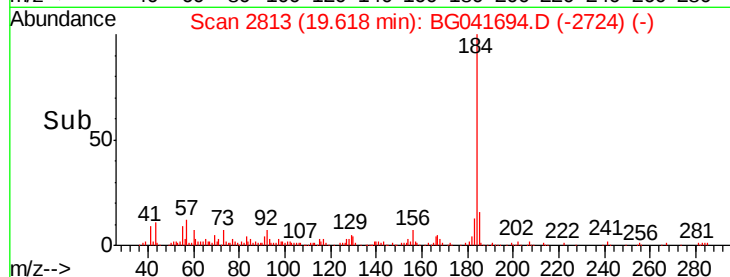
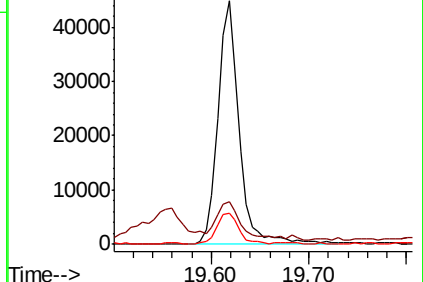
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.006 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Tgt Ion:202 Resp: 1733788

Ion Ratio Lower Upper

202 100

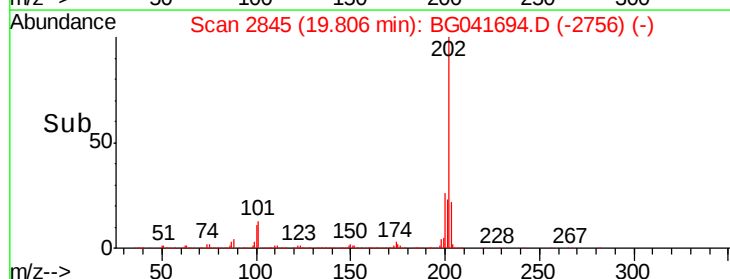
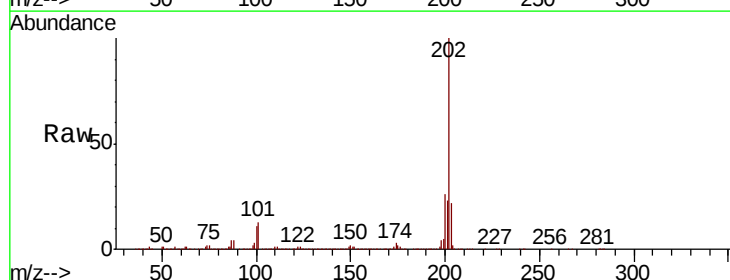
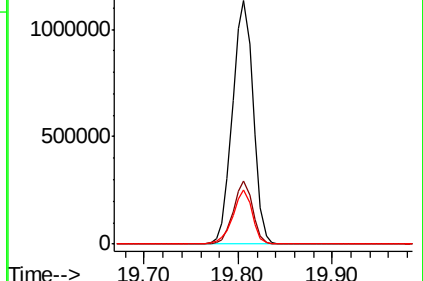
200 26.0 22.2 33.2

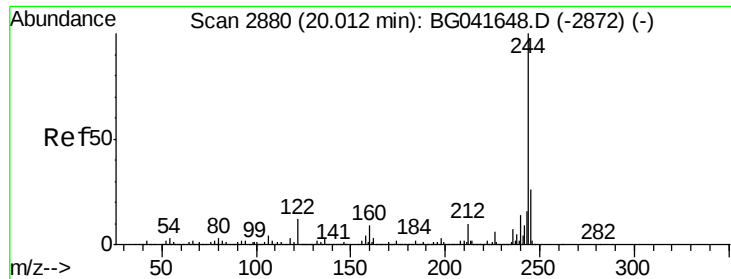
203 22.0 18.9 28.3

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





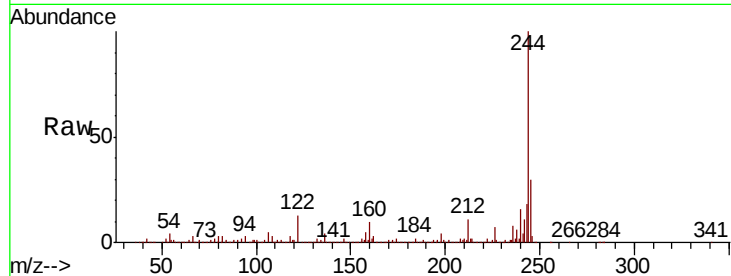
#79
 Terphenyl-d14
 Concen: 82.616 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.7	14.5
122	13.4	12.5	18.7

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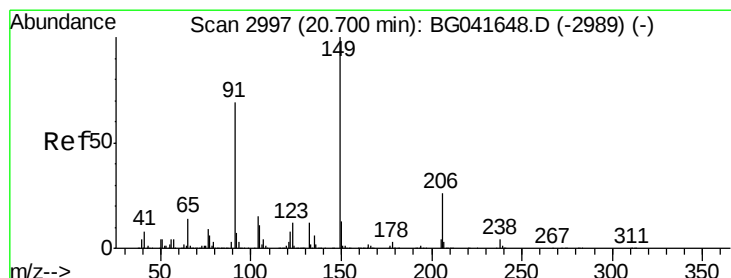
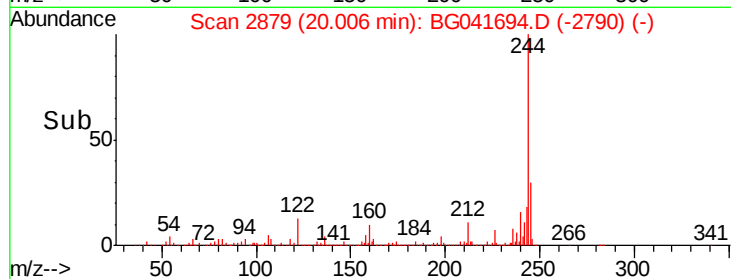
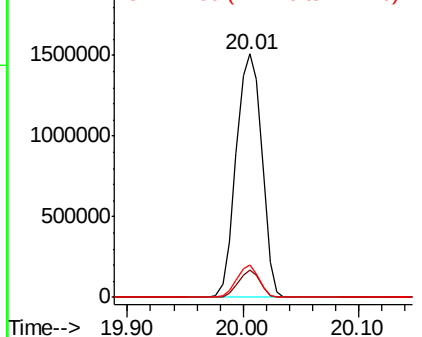


Abundance

Ion 244.00 (243.70 to 244.70): E

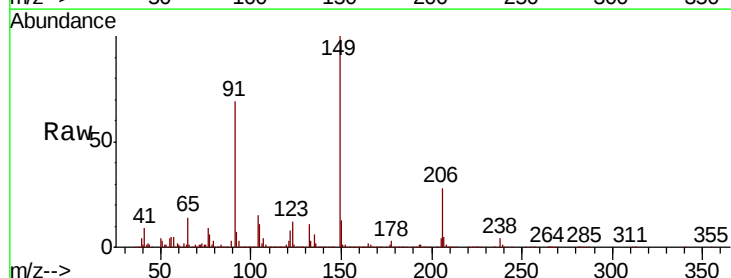
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 40.602 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	58.9	88.3
206	28.3	20.8	31.2

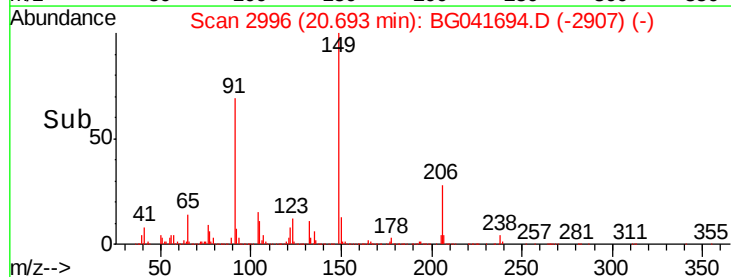
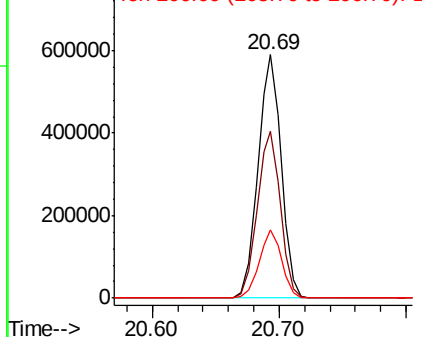


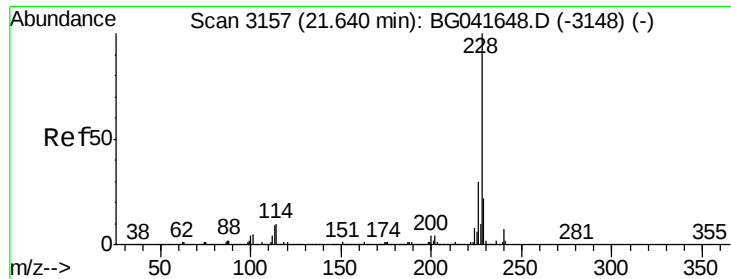
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





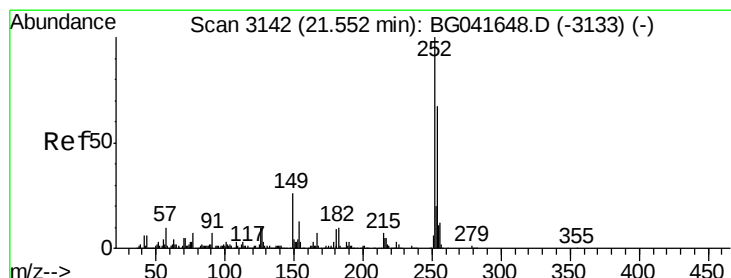
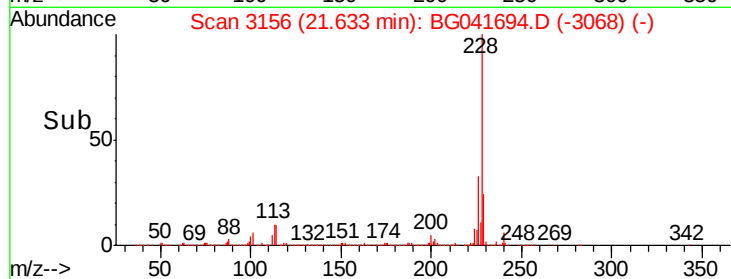
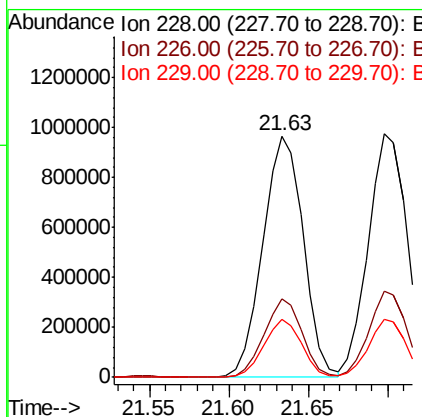
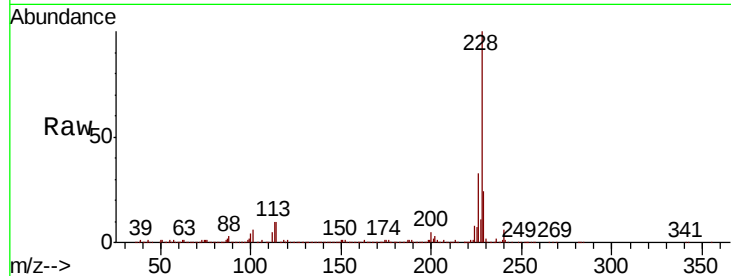
#81
Benzo(a)anthracene
Concen: 40.343 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampleId :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	27.3	40.9
229	23.9	19.7	29.5

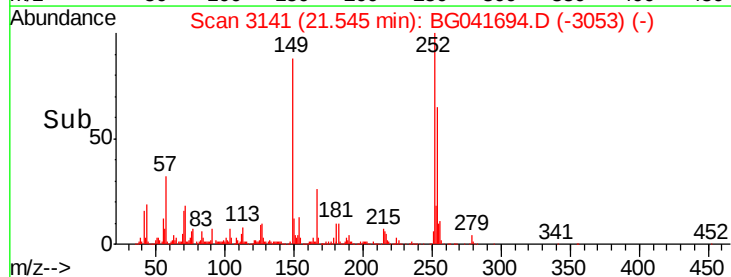
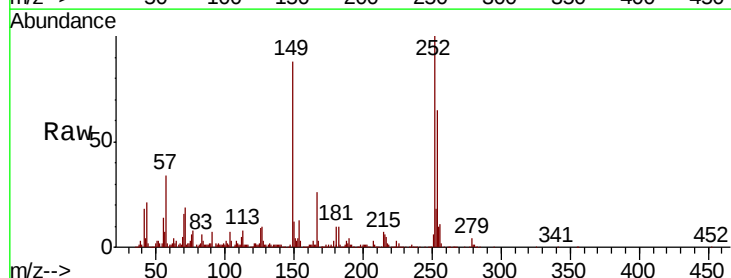
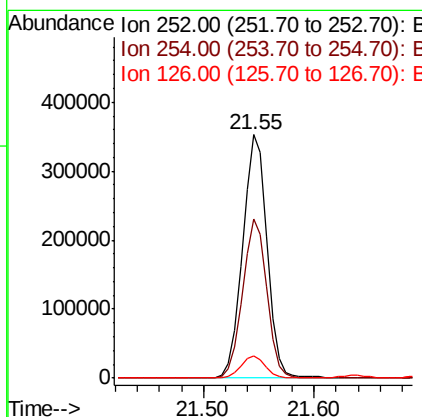
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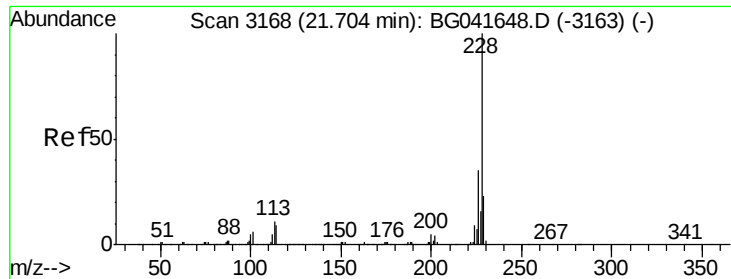
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#82
3,3'-Dichlorobenzidine
Concen: 32.782 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.8	80.6
126	9.1	7.8	11.8





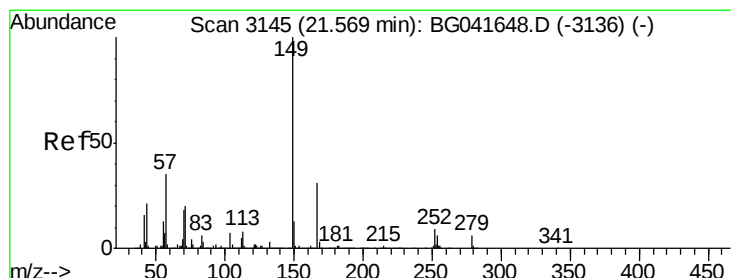
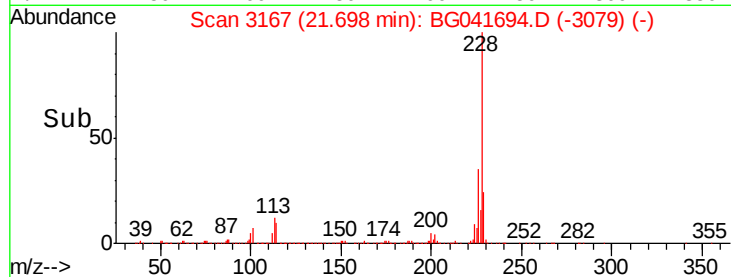
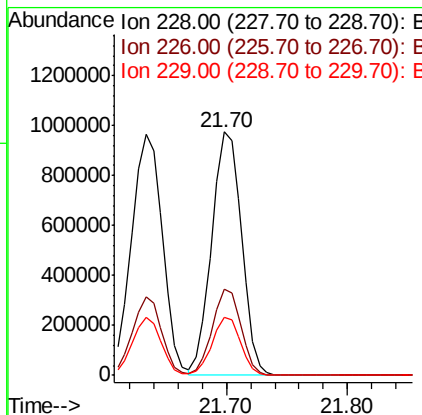
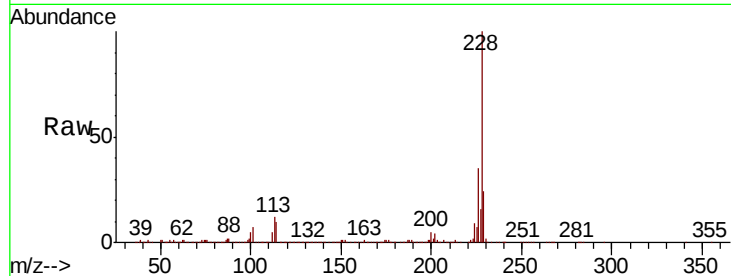
#83
 Chrysene
 Concen: 41.024 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(0-2)MS

Tot Ion:228 Resp: 1664551
 Ion Ratio Lower Upper
 228 100
 226 35.3 30.1 45.1
 229 23.9 19.8 29.6

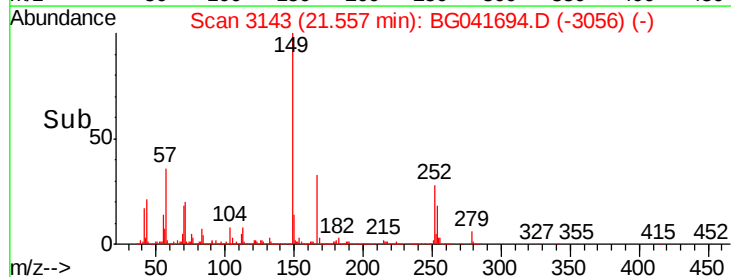
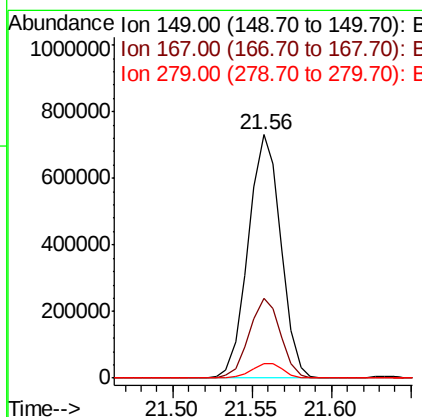
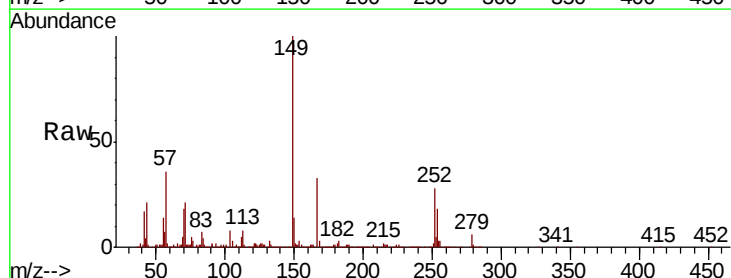
Manual Integrations
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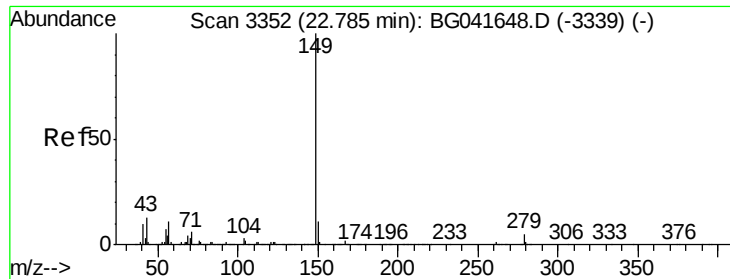
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.104 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG041694.D
 Acq: 17 Jul 2019 19:04

Tgt Ion:149 Resp: 1045885
 Ion Ratio Lower Upper
 149 100
 167 32.8 27.0 40.4
 279 6.1 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 41.154 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

ClientSampled :

SB-4(0-2)MS

Tot Ion:149 Resp: 1827771

Ion Ratio Lower Upper

149 100

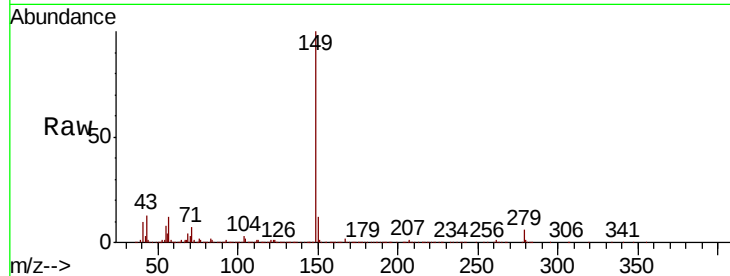
167 1.9 1.6 2.4

43 12.3 10.6 16.0

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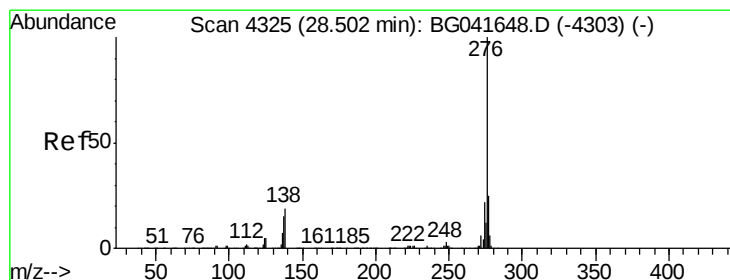
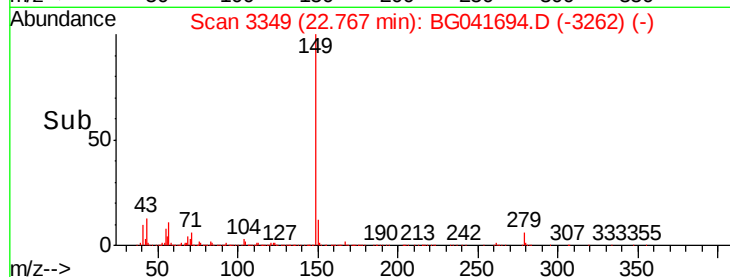
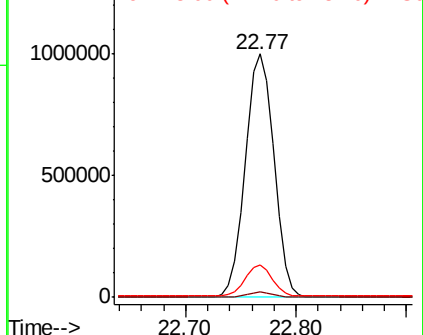
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.207 ng

RT: 28.50 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

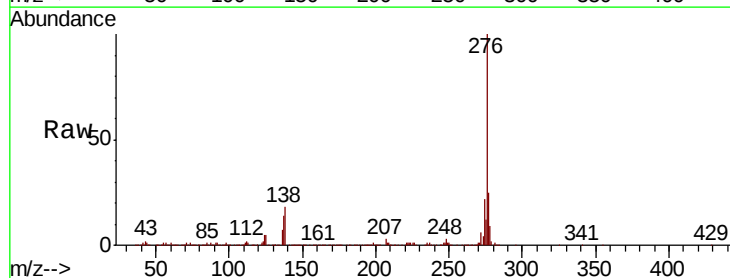
Tgt Ion:276 Resp: 2206164

Ion Ratio Lower Upper

276 100

138 15.1 19.4 29.0#

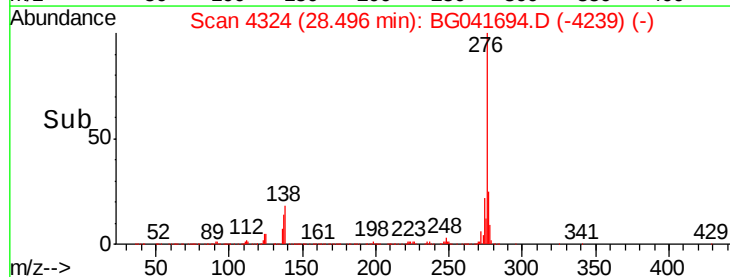
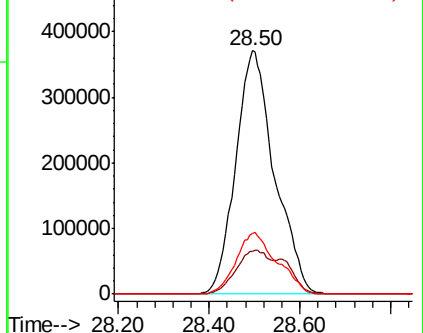
277 26.6 21.2 31.8

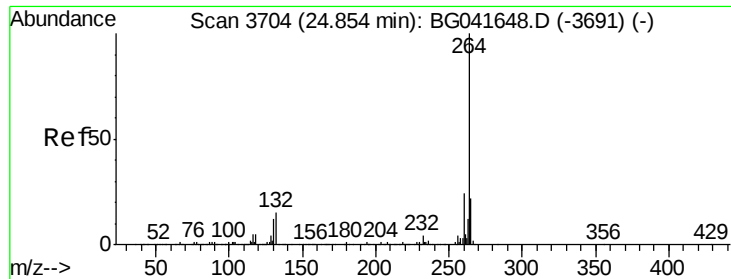


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041694.D

Acq: 17 Jul 2019 19:04

Instrument :

BNA_G

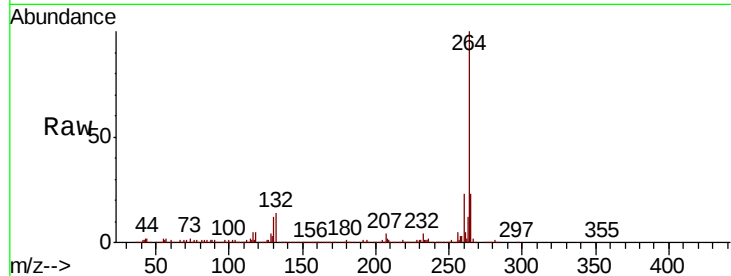
ClientSampleId :

SB-4(0-2)MS

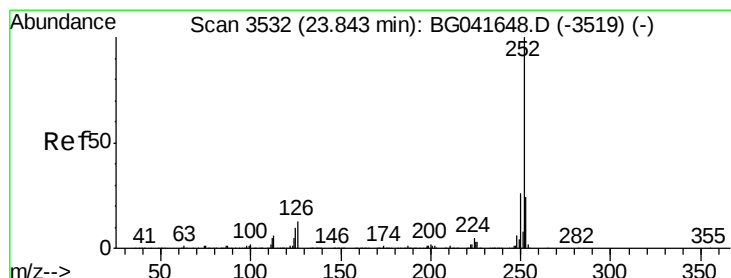
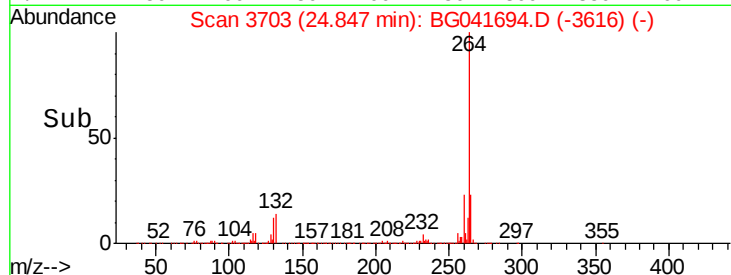
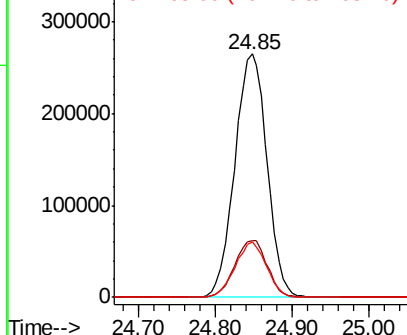
Tot Ion:	264	Resp:	773835
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	23.0	18.0	27.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.532 ng

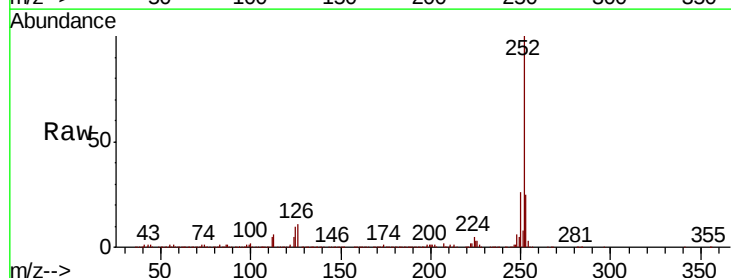
RT: 23.84 min Scan# 3531

Delta R.T. -0.02 min

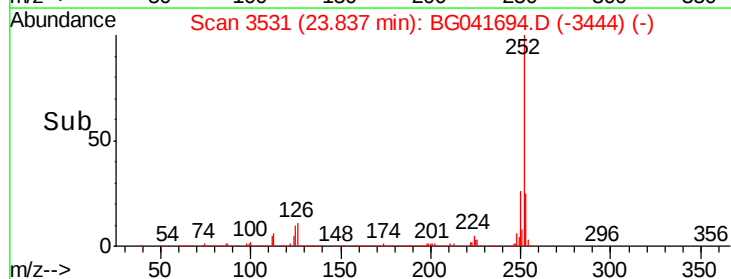
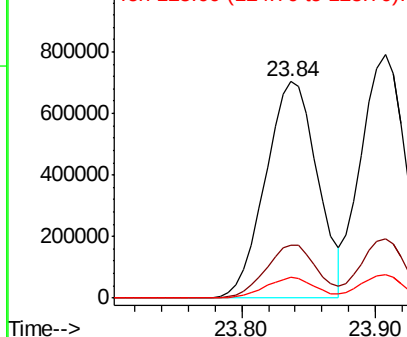
Lab File: BG041694.D

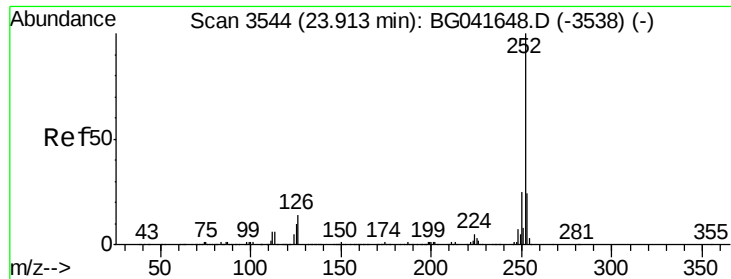
Acq: 17 Jul 2019 19:04

Tgt Ion:	252	Resp:	1902541
Ion Ratio	Lower	Upper	
252	100		
253	24.6	20.6	30.8
125	9.6	8.0	12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





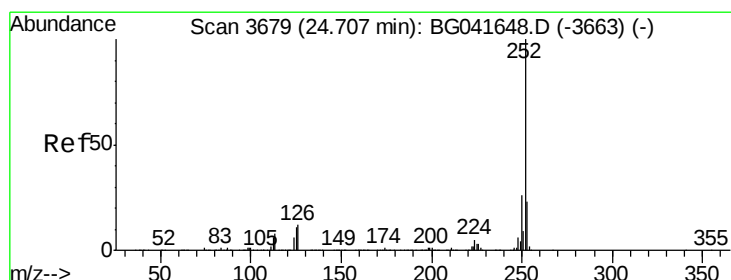
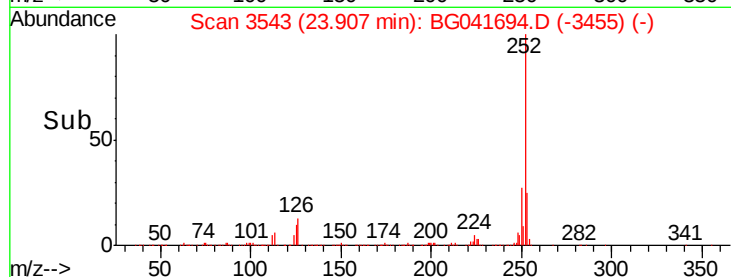
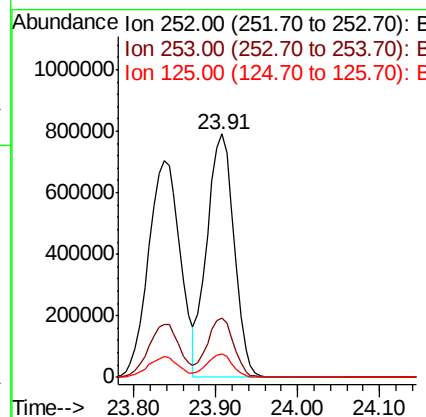
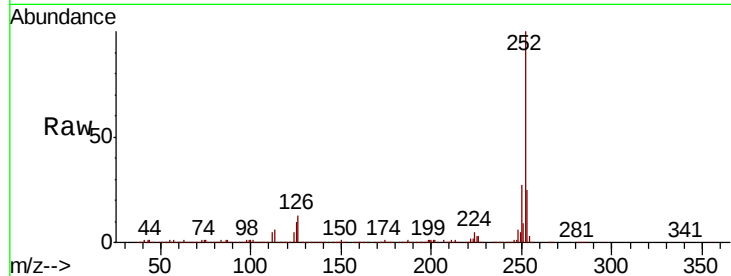
#89
Benzo(k)fluoranthene
Concen: 42.001 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampled :
SB-4(0-2)MS

Tot Ion:252 Resp: 1826790
Ion Ratio Lower Upper
252 100
253 24.6 20.5 30.7
125 9.6 8.4 12.6

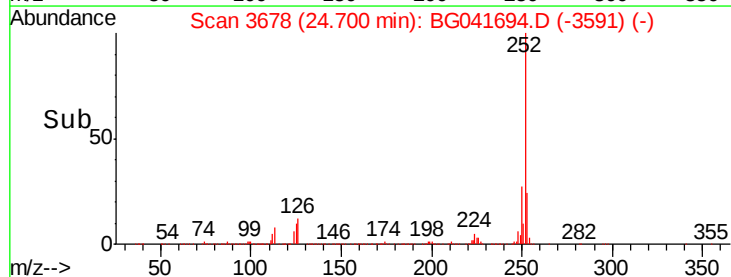
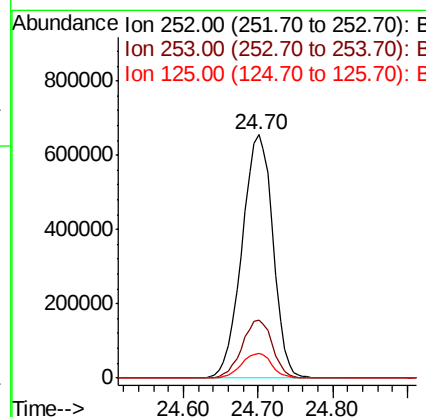
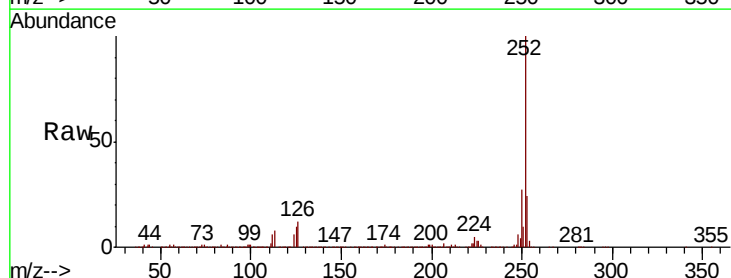
Manual Integrations
APPROVED

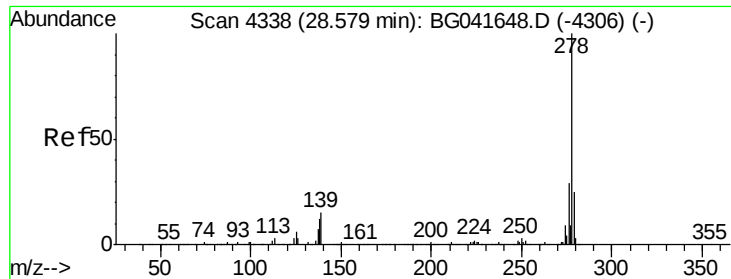
mohammad
7/19/2019 2:24:50 PM



#90
Benzo(a)pyrene
Concen: 42.301 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion:252 Resp: 1878633
Ion Ratio Lower Upper
252 100
253 23.9 19.8 29.8
125 10.0 8.8 13.2





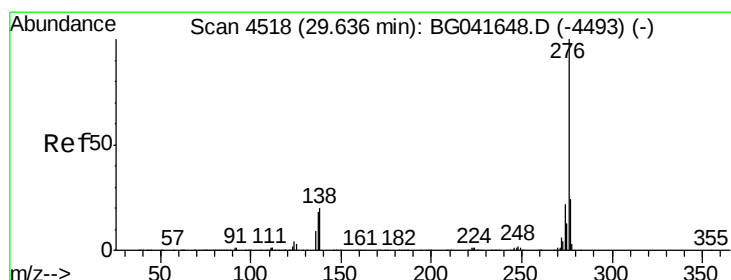
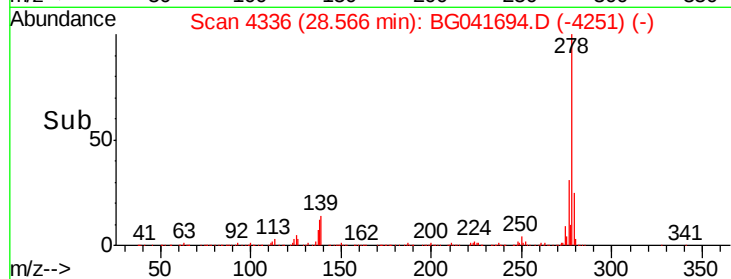
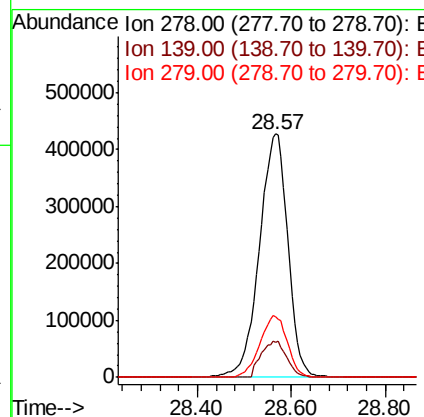
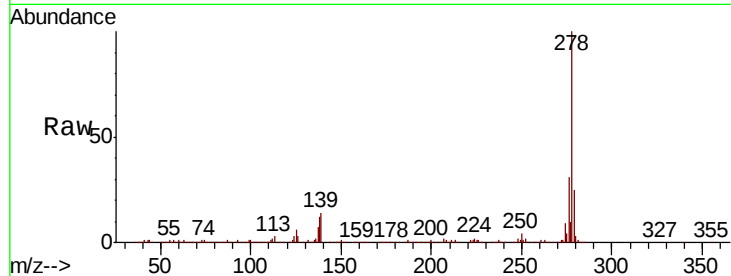
#91
Dibenzo(a,h)anthracene
Concen: 41.901 ng
RT: 28.57 min Scan# 4336
Delta R.T. -0.03 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Instrument :
BNA_G
ClientSampled :
SB-4(0-2)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.6	19.0
279	24.8	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/19/2019 2:24:50 PM



#92
Benzo(g,h,i)perylene
Concen: 42.565 ng
RT: 29.64 min Scan# 4518
Delta R.T. -0.03 min
Lab File: BG041694.D
Acq: 17 Jul 2019 19:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	19.2	16.6	25.0

